Chapter 5
Parts List

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Warranty

HILL-ROM AIR-SHIELDS, INC.
LIMITED WARRANTY

The product being described in this manual is warranted against defects in materials or workmanship for one year from the date of shipment from Hill-Rom Air-Shields, Hatboro, with the following exceptions:

- All consumables and disposable products are guaranteed to be free from defects upon shipment only.
- Calibrations are considered normal maintenance and are not included in the 1 year warranty.[1]

During the warranty period any defective parts other than those listed above will be replaced at no charge to the customer. There will be no labor charge for replacing the parts within the continental U.S.

This warranty is rendered void and Hill-Rom Air-Shields cannot be held liable for conditions resultant therefrom if:

- Damage to the unit is incurred as a result of mishandling.
- The customer fails to maintain the unit in a proper manner.
- The customer uses any parts, accessories, or fittings not specified or sold by Hill-Rom Air-Shields.
- Sale or service is performed by a non-certified service/dealer agency.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. HILL-ROM AIR-SHIELDS' OBLIGATION UNDER THESE WARRANTIES SHALL NOT INCLUDE ANY LIABILITY FOR LOSS OF PROFITS, DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES OR DELAYS. Some states, provinces, or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply. Any improper or negligent use, any alterations or repairs not in accordance with Hill-Rom's manuals or performed by others in such manner as in Hill-Rom Air-Shields' sole judgment affects the product materially and adversely, shall void these warranties. These warranties do not cover failures due to misuse, abuse, neglect, or lack of routine maintenance. No employee or representative of Hill-Rom Air-Shields is authorized to change these warranties in any way or grant any other warranty unless in writing and signed by a Hill-Rom officer. These warranties provide specific legal rights; but, there may be other available rights, which vary from state to state, province to province, or country to country.

This warranty is in lieu of all other warranties, expressed or implied, and Hill-Rom Air-Shields shall in no event be liable for incidental or consequential damages including loss of use, property damage, or personal injury resulting from breach of warranty.

Hill-Rom Air-Shields, Inc., 330 Jacksonville Road, Hatboro, PA 19040

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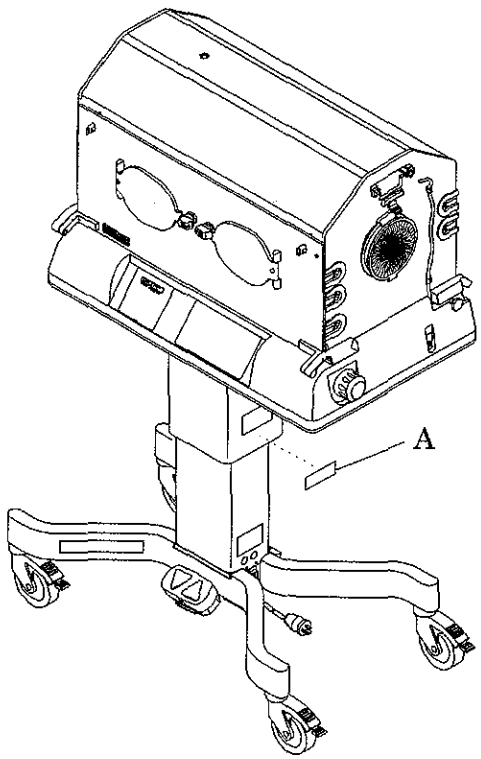
1. The *Accreditation Manual for Hospitals* requires each piece of equipment is to be tested prior to initial use and at least annually thereafter. To comply with this standard, we recommend that you participate in our Preventive Maintenance Program during the warranty period. This service can be performed by certified technicians through our Product Service Group and authorized dealers.

NOTES:

Service Parts Ordering

Using the parts lists in this manual, identify the part number(s) you require. Find the product number and serial number on the product identification label (A) (see figure 5-1 on page 5-5).

Figure 5-1. Product Identification Label Location



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Call Hill-Rom Technical Support at (800) 445-3720 with the following information:

- Six-digit customer account number
- Purchase order number
- Product number
- Serial number
- Part number(s)

To promptly order parts, request part prices and availability, or follow up on a service order, use the following Hill-Rom fax number:

(812) 934-8472

Terms:

- Net 30 days
- F.O.B. Batesville, IN
- Prepaid shipping charges added to invoice
- All orders shipped UPS ground unless specified

Address all inquiries to:

ATTN TECHNICAL SUPPORT—PARTS
HILL-ROM COMPANY, INC.
1069 STATE ROUTE 46 E
BATESVILLE IN 47006-9167

Address all return goods to:

HILL-ROM AIR-SHIELDS, INC.
330 JACKSONVILLE ROAD
HATBORO PA 19040-2211

NOTE:
To eliminate possible delays or incorrect billings, **do not** return any items without a Return Material Authorization (RMA) number. When a return is requested, an RMA packet is included with each order. This packet includes an RMA number, instructions, and a shipping label. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720.

Exchange Policy

The following are policies for in-warranty and out-of-warranty exchanges from Hill-Rom.

In-Warranty Exchanges

In some cases, Hill-Rom will request that parts/products be returned for inspection. When this occurs, you are expected to return parts/products within 30 days of receipt of the exchange part. If you fail to return the inoperative parts/products within the 30 day period, Hill-Rom will invoice your facility for the full selling price of the parts/products.

NOTE:
The preceding billing procedure pertains **only** to parts/products that Hill-Rom requests to be returned.

In some cases, the invoice accompanying the parts will show the full selling price (only for internal use at Hill-Rom). Do not confuse this price with your price.

Do not return any parts without an RMA number. When parts/products have been requested to be returned, Hill-Rom will include an RMA packet with the parts/products shipment. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720.

Out-of-Warranty Exchanges

You are expected to return the inoperative parts/products within 30 days of receipt of the exchange part. Hill-Rom will include an RMA packet with the parts/products shipment. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720. Hill-Rom will invoice your facility for the full selling price of the parts/products. Upon return of the inoperative parts/products, Hill-Rom will issue a credit to your facility for **the difference between the exchange price and the full selling price of the parts/products.**

Recommended Spare Parts

For a recommended spare parts list to service five or more units, see table 5-1 on page 5-8.

Table 5-1. Recommended Spare Parts

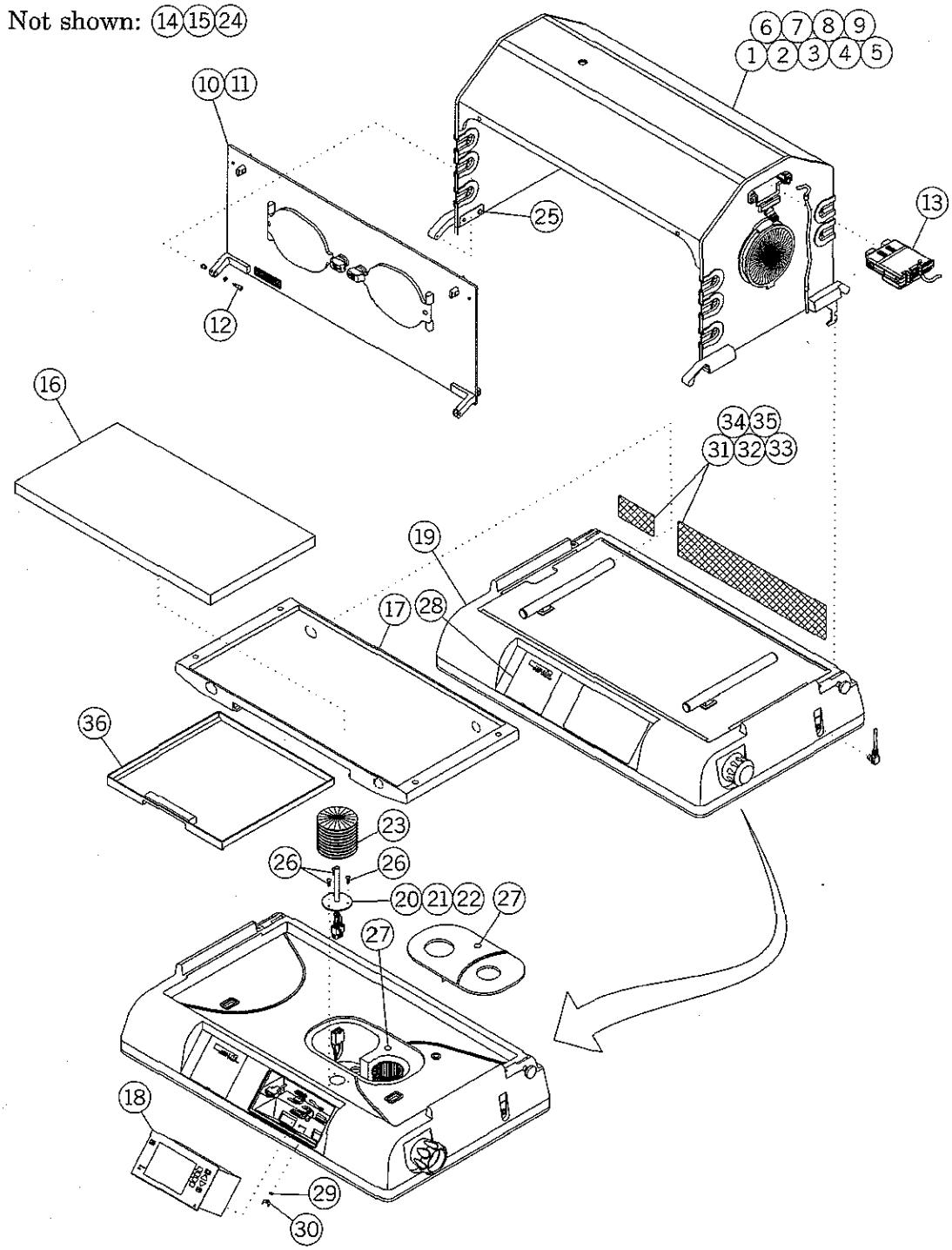
Part Number	Quantity	Description
83 900 15	1	Replacement motor kit
83 900 09	1	Replacement kit, access door latch
83 300 15	1	Latch mount, access door
83 200 20	1	Grommet, access
83 300 05	1	Door, access
78 293 10	1	Bumper, clear polyurethane, self-adhesive
83 300 08	1	Pivot hinge, access door
68 510 10	1	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
83 300 09	1	Latch, heat shield
83 300 07	1	Gasket, access door
83 005 48	1	Sensor module assembly
83 102 85	1	Impeller assembly
83 300 25	1	Upper body, access panel latch
83 300 26	1	Lower body, access panel latch
83 900 08	1	Replacement kit, access panel latch
83 300 29	1	Spring, compression, 0.18" outer diameter, 0.014" wide, 1½" long
83 900 69	1	Paint, touch-up, putty, ¼-pint can
83 600 50	1	Scale assembly
83 102 10	1	Probe four, baby temperature, reusable
83 101 30	1	Filter, replaceable
68 120 71	1	Iris port cuffs, disposable soft
83 300 11	1	Access door cuff, disposable, replaceable, carton of 100
83 900 11	1	Lift bar kit
83 900 12	1	Replacement kit, scroll cover
83 102 18	1	Probe four, skin temperature, disposable

Part Number	Quantity	Description
83 300 40	1	Cuff, access door, reusable, carton of 10
83 001 00	1	Mattress foam
81 502 02	1	Washer, sealing, oxygen/air
68 209 46	1	Critter Covers® Probe Cover, box of 100
68 209 45	1	Critter Covers® Probe Cover, carton of 600
79 251 74	1	Kleenaseptic®[a] B, trigger spray, twelve 24 oz.
68 209 47	1	Cover, probe, Care For Me, large, 100
68 209 48	1	Cover, probe, Care For Me, standard, 100
83 102 21	1	Probe four, skin temperature, disposable, box of 10
83 102 05	1	Adapter cable, probe four, baby temperature

a. Kleenaseptic® is a registered trademark of Metrex Research Corporation.

Incubator Hood and Shell Assembly

Figure 5-2. Incubator Hood and Shell Assembly



Shell assembly exploded view

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Table 5-2. Incubator Hood and Shell Assembly

Item Number	Part Number	Quantity	Description
1	83 200 77-R	1	Hood assembly, high, dual access, iris port left and right
2	83 200 71-R	1	Hood assembly, high, front access, two access doors, iris port left and right ("00" series model only)
3	83 900 61	1	Replacement kit, dual access, iris port left, access door ("00" series model only)
4	83 200 73	1	Hood assembly, high, dual access, access door left and right ("00" series model only)
5	83 200 74	1	Hood assembly, high, front access, two access doors, access door left and right ("00" series model only)
6	83 200 78	1	Hood assembly, high, front access, two access doors, iris port left and right ("01" series model only)
7	83 200 79	1	Hood assembly, high, dual access, iris port left, access door ("01" series model only)
8	83 200 80-R	1	Hood assembly, high, dual access, access door left and right ("01" series model only)
9	83 200 81	1	Hood assembly, high, front access, two access doors left and right ("01" series model only)
10	83 300 71-R	1	Access panel assembly, high rear
11	83 300 76-R	1	Replacement access panel assembly, high, front
12	99 195 05	2	Screw, shoulder, ¼" diameter, 0.38" long, #10-24 nylock
13	83 005 50	1	Sensor module assembly
14	83 300 71-R	1	Access panel assembly, high rear ("00" series model only)
15	83 300 77-R	1	Replacement access panel assembly, high, rear ("01" series model only)
16	83 001 00	1	Mattress foam

Item Number	Part Number	Quantity	Description
17	83 001 01	1	Tray, mattress
18	83 006 76	1	Controller assembly
19	83 100 70-R	1	Replacement shell assembly
20	83 101 71-R	1	Heater assembly, 120V (120V model only)
21	83 101 81-R	1	Heater assembly, 240V (120V model only)
22	83 101 91-R	1	Heater assembly, 100V (100V model only)
23	83 100 76	1	Radiator, heater, machining
24	83 102 10	1	Probe four, baby temperature, reusable
25	67 502 50	2	Cover, screw, light gray, ¼"-20 pen
26	99 024 19	3	Screw, #6-32 x 9/16" truss phillips nylock
27	83 500 38	2	Label, hot surface symbol
28	83 500 05	1	Overlay, humidity panel
29	99 122 54	2	Washer, flat 0.2" inner diameter, ½" outer diameter, 0.04" thick
30	99 105 06	2	Nut, wing, #6-32
31	83 500 50	1	Label, oxygen and warnings, English (English model only)
32	83 500 51	1	Label, oxygen and warnings, Spanish (Spanish model only)
33	83 500 52	1	Label, oxygen and warnings, French (French model only)
34	83 500 53	1	Label, oxygen and warnings, German (German model only)
35	83 500 54	1	Label, oxygen and warnings, Italian (Italian model only)
36	83 001 02	1	Tray, x-ray

NOTES:

High Dual Access Hood Assembly with Two Iris Ports

Figure 5-3. High Dual Access Hood Assembly with Two Iris Ports

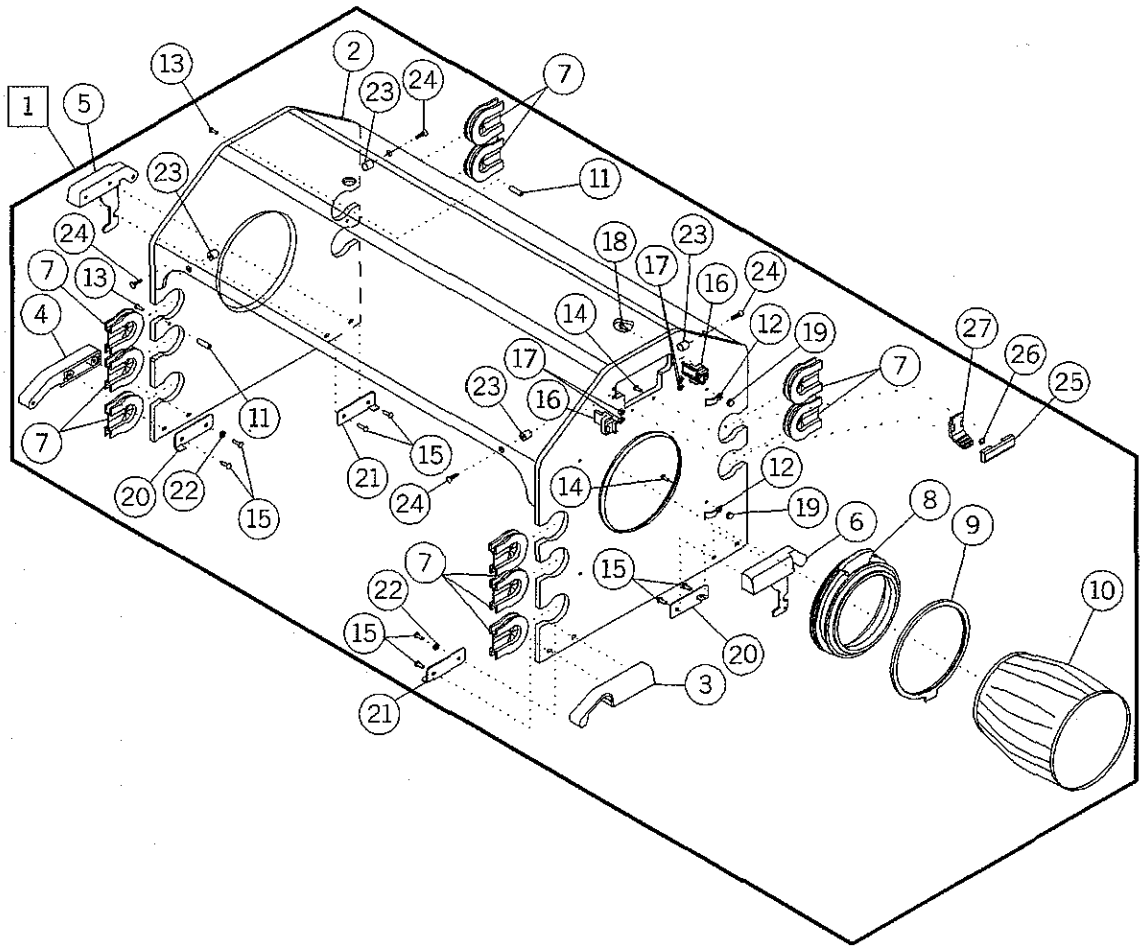

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Table 5-3. High Dual Access Hood Assembly with Two Iris Ports

Item Number	Part Number	Quantity	Description
1	83 200 77-R	1	Hood assembly, high, dual access, iris port left and right
2	83 900 59	1	Replacement kit, dual access, iris port left and right
3	83 200 10	1	Hinge, hood/access panel, right front
4	83 200 11	1	Hinge, hood/access panel, left front
5	83 200 12	1	Hinge, hood/access panel, left rear
6	83 200 13	1	Hinge, hood/access panel, right rear
7	83 200 20	10	Grommet, access
8	68 120 76	2	Ring assembly, iris port, large flange
9	68 120 32	2	Ring, retaining, iris port, clear
10	68 120 57	2	Sleeve, iris port, disposable, soft
11	68 232 24	2	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.044" long
12	81 020 20	2	Clamp, cable, spring tie, nylon, 0.38" inner diameter
13	99 024 18	2	Screw, #6-32 x 9/16" truss phillips
14	99 024 19	2	Screw, #6-32 x 9/16" truss phillips nylock
15	99 042 92	8	Screw, #10-32 x ¾" truss phillips
16	83 200 45	2	Slide assembly, sensor module
17	99 105 02	4	Nut, hex, #6-32
18	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
19	99 105 20	2	Nut, acorn, #6-32 aluminum
20	83 200 18	2	Plate, backup, hinge, left front and right rear
21	83 200 19	2	Plate, backup, hinge, left rear and right front
22	67 502 51	2	Base, screw, ¼"-20
23	83 300 56	4	Spacer, #6-32 inner diameter, 0.31" outer diameter, 0.38" long
24	99 023 58	4	Screw, #6-32 x 7/16", flat phillips
25	83 200 95	1	Plate, cover, slide fixture
26	83 200 97	1	Washer, cover spring module—slide lock

Item Number	Part Number	Quantity	Description
27	83 200 98	1	Slide lock, sensor module

NOTES:

High Front Access Hood Assembly with Two Access Doors and Two Iris Ports ("00" Series Model Only)

Figure 5-4. High Front Access Hood Assembly with Two Access Doors and Two Iris Ports ("00" Series Model Only)

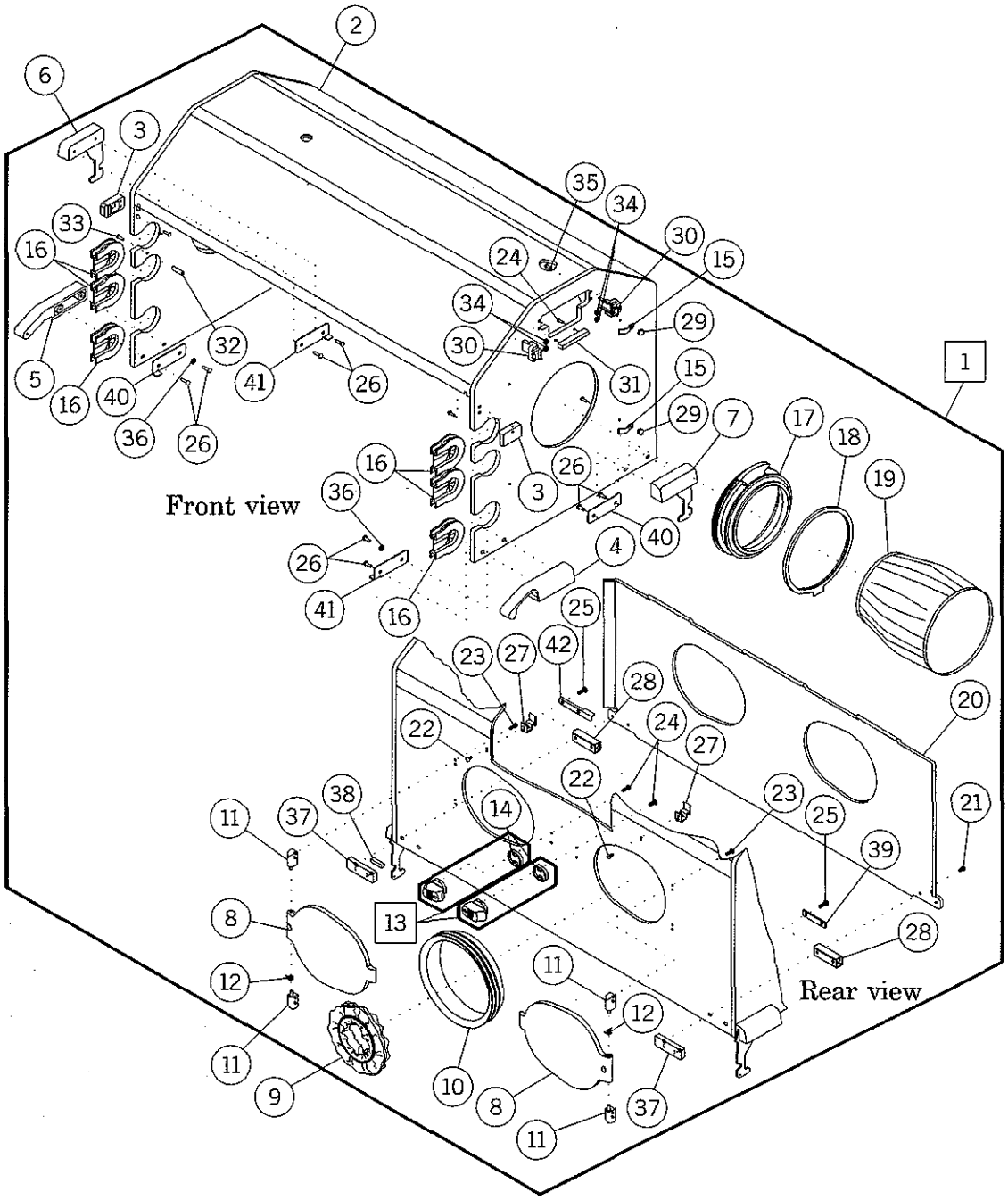


Table 5-4. High Front Access Hood Assembly with Two Access Doors and Two Iris Ports ("00" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 200 71-R	1	Hood assembly, high, front access, two access doors, iris port left and right
2	83 900 60	1	Replacement kit, front access, iris port left and right
3	83 200 15	2	Keeper, access panel latch
4	83 200 10	1	Hinge, hood/access panel, right front
5	83 200 11	1	Hinge, hood/access panel, left front
6	83 200 16	1	Hinge, hood, left, rear
7	83 200 17	1	Hinge, hood, right, rear
8	83 300 05	2	Door, access
9	83 300 11	2	Access door cuff, disposable, replaceable
10	83 300 07	2	Gasket, access door
11	83 300 08	4	Pivot hinge, access door
12	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
13	83 900 09	2	Replacement kit, access door latch
14	83 300 15	2	Latch mount, access door
15	81 020 20	2	Clamp, cable, spring tie, nylon, 0.38" inner diameter
16	83 200 20	6	Grommet, access
17	68 120 76	2	Ring assembly, iris port, large flange
18	68 120 32	2	Ring, retaining, iris port, clear
19	68 120 57	2	Sleeve, iris port, disposable, soft
20	83 001 10	1	Heat shield, access panel, high
21	99 088 67	4	Screw, self-tapping, #8 x 3/8" pan phillips
22	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
23	99 023 64	8	Screw, #6-32 x 7/16" truss phillips nylock
24	99 024 19	6	Screw, #6-32 x 9/16" truss phillips nylock
25	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
26	99 042 92	8	Screw, #10-32 x ¾" truss phillips
27	83 300 09	2	Latch, heat shield
28	83 300 10	2	Hinge, heat shield

Item Number	Part Number	Quantity	Description
29	99 105 20	2	Nut, acorn, #6-32 aluminum
30	83 200 45	2	Slide assembly, sensor module
31	83 200 42	1	Plate, cover, no calibration fixture
32	68 200 24	1	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.044" long
33	99 024 18	1	Screw, #6-32 x 9/16" truss phillips
34	99 105 02	4	Nut, hex, #6-32
35	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
36	67 502 51	2	Base, screw, ¼"-20
37	83 100 45	2	Plate, hinge and magnet
38	83 300 33	1	Magnet, ¼" square, 1" long
39	83 300 04	1	Plate, backup, hinge, heat shield
40	83 200 18	2	Plate, backup, hinge, left front and right rear
41	83 200 19	2	Plate, backup, hinge, left rear and right front
42	83 300 13	1	Bracket, heat shield, rear

NOTES:

High Front Access Hood Assembly with Two Access Doors and Two Iris Ports ("01" Series Model Only)

Figure 5-5. High Front Access Hood Assembly with Two Access Doors and Two Iris Ports ("01" Series Model Only)

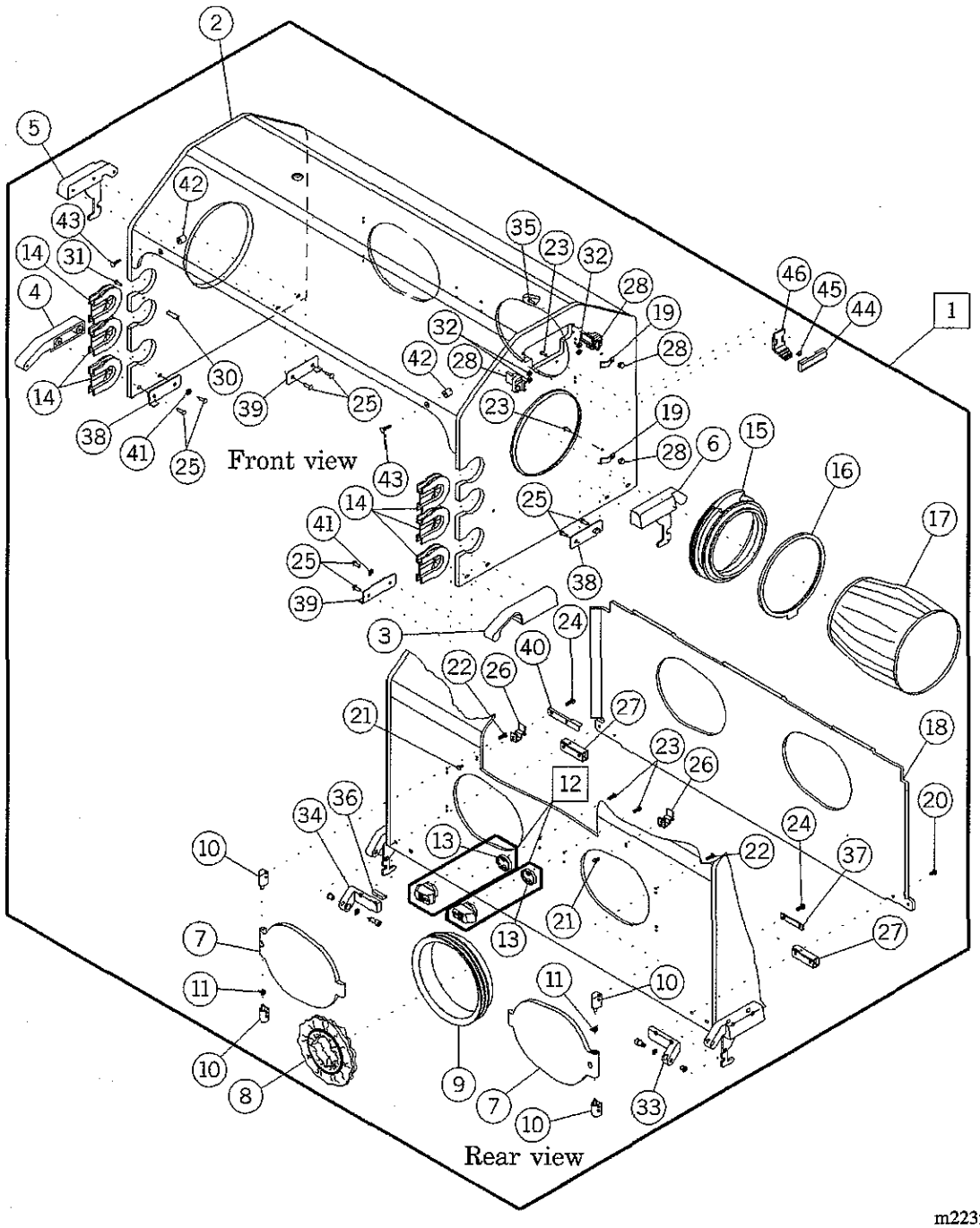


Table 5-5. High Front Access Hood Assembly with Two Access Doors and Two Iris Ports ("01" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 200 78	1	Hood assembly, high, front access, two access doors, iris port left and right
2	83 200 61-R	1	Hood, high, front access, two access doors rear right, iris ports left and right
3	83 200 10	1	Hinge, hood/access panel, right front
4	83 200 11	1	Hinge, hood/access panel, left front
5	83 200 12	1	Hinge, hood/access panel, left rear
6	83 200 13	1	Hinge, hood/access panel, right rear
7	83 300 05	2	Door, access
8	83 300 11	2	Access door cuff, disposable, replaceable
9	83 300 07	2	Gasket, access door
10	83 300 08	4	Pivot hinge, access door
11	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
12	83 900 09	2	Replacement kit, access door latch
13	83 300 15	2	Latch mount, access door
14	83 200 20	6	Grommet, access
15	68 120 76	2	Ring assembly, iris port, large flange
16	68 120 32	2	Ring, retaining, iris port, clear
17	68 120 57	2	Sleeve, iris port, disposable, soft
18	83 001 11-R	1	Replacement heat shield, access panel
19	81 020 20	2	Clamp, cable, spring tie, nylon 0.38" inner diameter
20	99 088 67	4	Screw, self-tapping, #8 x 3/8" pan phillips
21	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
22	99 023 64	8	Screw, #6-32 x 7/16" truss phillips nylock
23	99 024 19	8	Screw, #6-32 x 9/16" truss phillips nylock
24	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
25	99 042 92	8	Screw, #10-32 x ¾" truss phillips
26	83 300 09	2	Latch, heat shield
27	83 300 10	2	Hinge, heat shield
28	99 105 20	2	Nut, acorn, #6-32 aluminum

Item Number	Part Number	Quantity	Description
29	83 200 45	2	Slide assembly, sensor module
30	68 232 24	1	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long
31	99 024 18	1	Screw, #6-32 x 9/16" truss phillips
32	99 105 02	4	Nut, hex, #6-32
33	83 300 36	1	Hinge, access panel, right rear
34	83 300 35	1	Hinge, access panel, left rear
35	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
36	83 300 33	1	Magnet, ¼" square 1" long
37	83 300 04	1	Plate, backup, hinge, heat shield
38	83 200 18	2	Plate, backup, hinge, left front and right rear
39	83 200 19	2	Plate, backup, hinge, left rear and right front
40	83 300 13	1	Bracket, heat shield, rear
41	67 502 51	2	Base, screw, ¼"-20
42	83 300 56	2	Spacer, #6-32 inner diameter, 0.31" outer diameter, 0.38" long
43	99 023 58	2	Screw, #6-32 x 7/16", flat phillips
44	83 200 95	1	Plate, cover, slide fixture
45	83 200 97	1	Washer, cover spring module—slide lock
46	83 200 98	1	Slide lock, sensor module

NOTES:

High Dual Access Hood Assembly with One Access Door and One Iris Port ("00" Series Model Only)

Figure 5-6. High Dual Access Hood Assembly with One Access Door and One Iris Port ("00" Series Model Only)

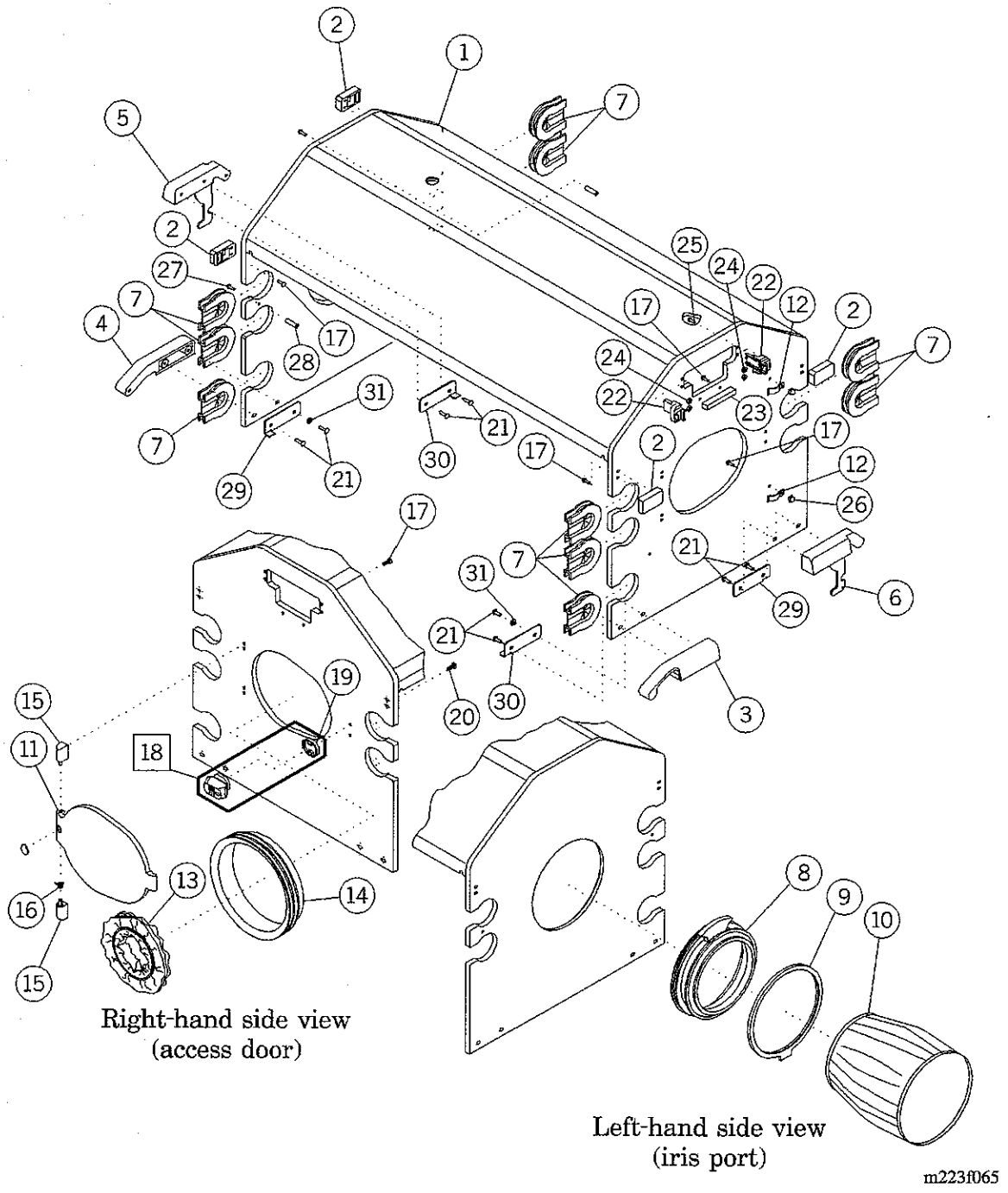


Table 5-6. High Dual Access Hood Assembly with One Access Door and One Iris Port ("00" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 900 61	1	Replacement kit, dual access, iris port, access door
2	83 200 15	4	Keeper, access panel latch
3	83 200 10	1	Hinge, hood/access panel, right front
4	83 200 11	1	Hinge, hood/access panel, left front
5	83 200 12	1	Hinge, hood/access panel, left rear
6	83 200 13	1	Hinge, hood/access panel, right rear
7	83 200 20	10	Grommet, access
8	68 120 76	1	Ring assembly, iris port, large flange
9	68 120 32	1	Ring, retaining, iris port, clear
10	68 120 57	1	Sleeve, iris port, disposable, soft
11	83 300 05	1	Door, access
12	81 020 20	2	Clamp, cable, spring tie, nylon, 0.38" inner diameter
13	83 300 11	1	Access door cuff, disposable, replaceable
14	83 300 07	1	Gasket, access door
15	83 300 08	2	Pivot hinge, access door
16	68 510 10	1	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
17	99 024 19	16	Screw, #6-32 x 9/16" truss phillips nylock
18	83 900 09	1	Replacement kit, access door latch
19	83 300 15	1	Latch mount, access door
20	99 024 43	2	Screw, #6-32 x 5/8" truss phillips
21	99 042 92	8	Screw, #10-32 x ¾" truss phillips
22	83 200 45	2	Slide assembly, sensor module
23	83 200 42	1	Plate, cover, no calibration fixture
24	99 105 02	4	Nut, hex, #6-32
25	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
26	99 105 20	2	Nut, acorn, #6-32 aluminum
27	99 024 18	2	Screw, #6-32 x 9/16" truss phillips
28	68 232 24	2	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long

Item Number	Part Number	Quantity	Description
29	83 200 18	2	Plate, backup, hinge, left front and right rear
30	83 200 19	2	Plate, backup, hinge, left rear and right front
31	67 502 51	2	Base, screw, ¼"-20

NOTES:

High Dual Access Hood Assembly with One Access Door and One Iris Port ("01" Series Model Only)

Figure 5-7. High Dual Access Hood Assembly with One Access Door and One Iris Port ("01" Series Model Only)

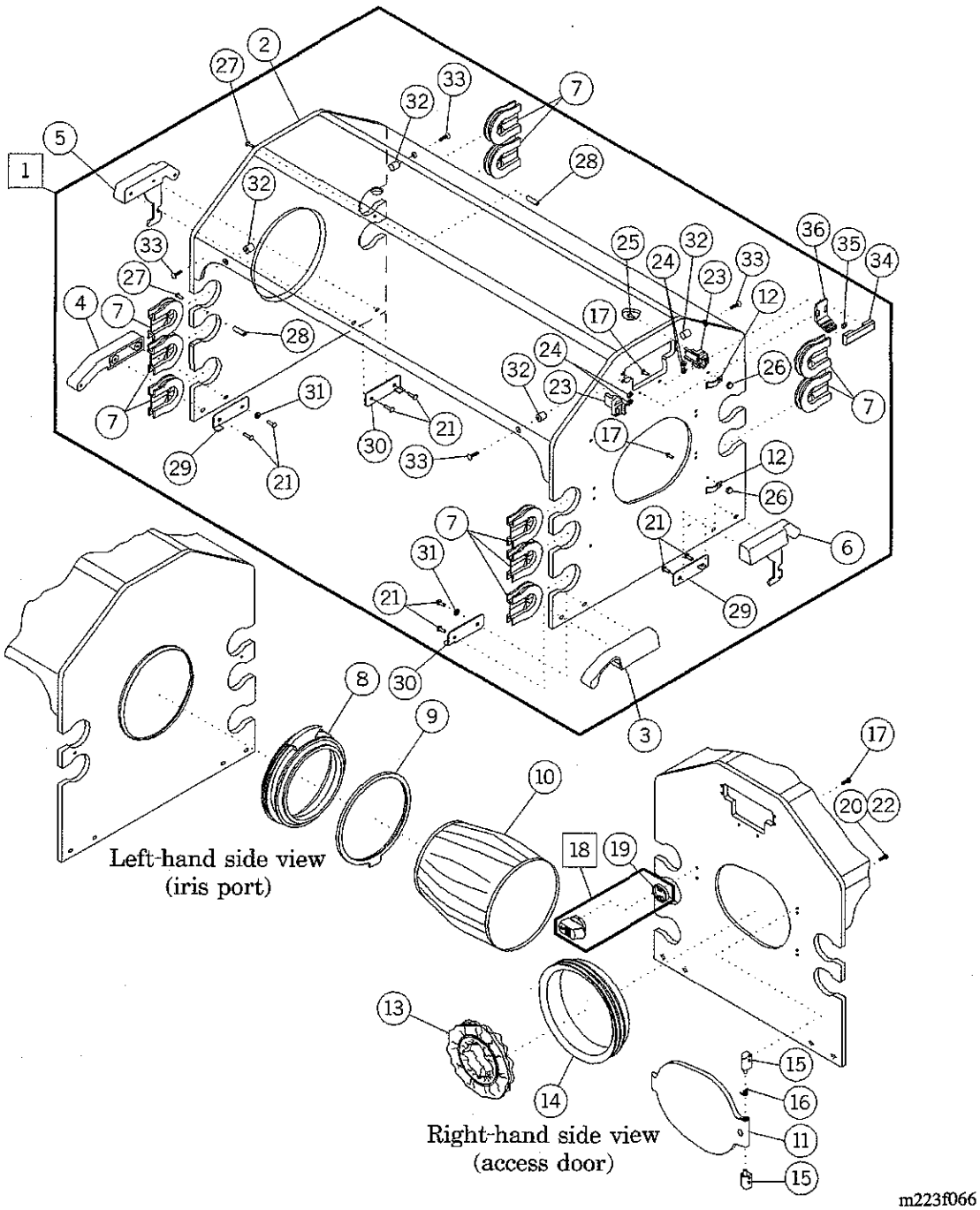


Table 5-7. High Dual Access Hood Assembly with One Access Door and One Iris Port ("01" Series Model Only)

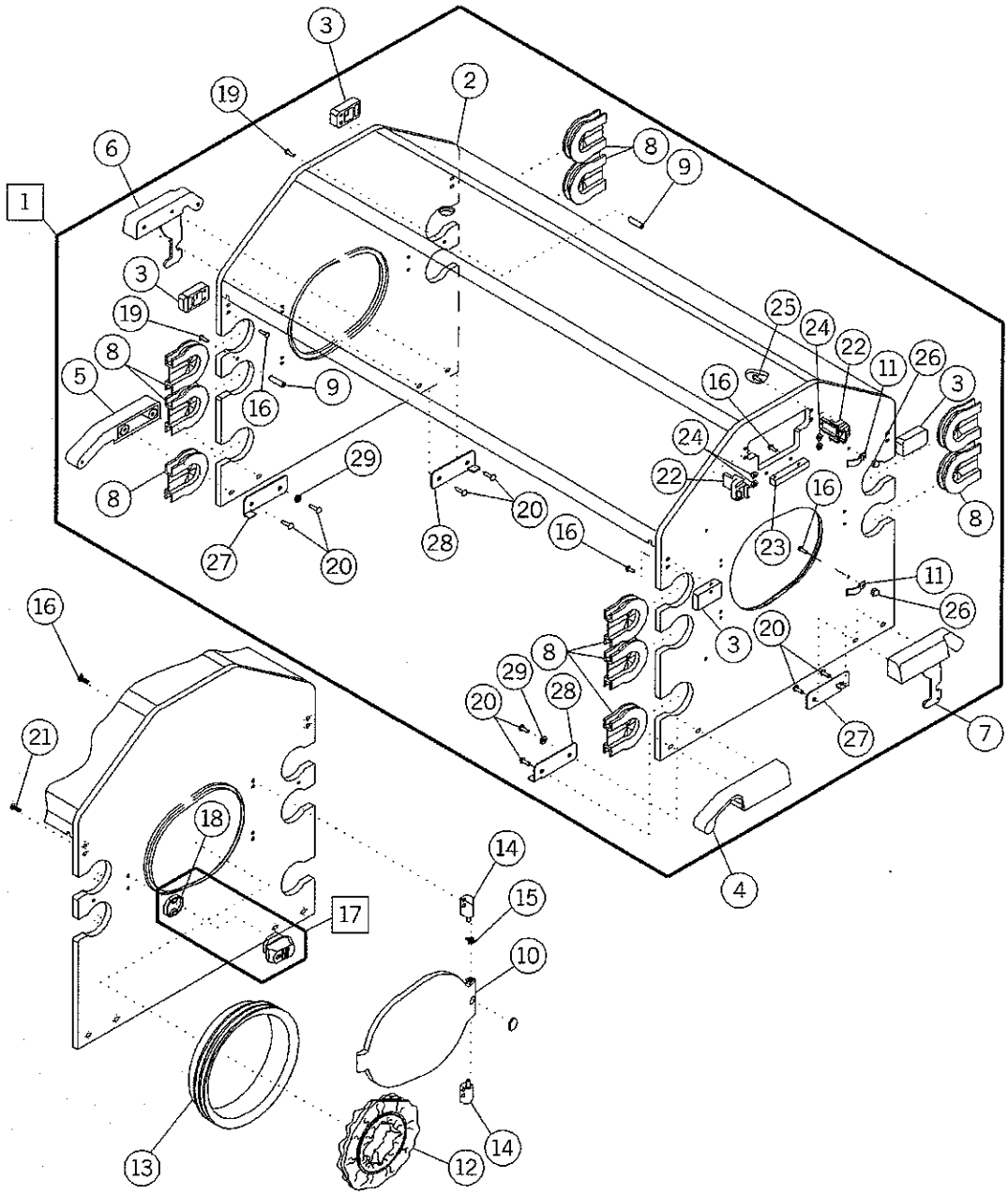
Item Number	Part Number	Quantity	Description
1	83 200 79	1	Hood assembly, high, dual access, iris port left, access door right
2	83 900 61	1	Replacement kit, dual access, iris port left, access door right
3	83 200 10	1	Hinge, hood/access panel, right front
4	83 200 11	1	Hinge, hood/access panel, left front
5	83 200 12	1	Hinge, hood/access panel, left rear
6	83 200 13	1	Hinge, hood/access panel, right rear
7	83 200 20	10	Grommet, access
8	68 120 76	1	Ring assembly, iris port, large flange
9	68 120 32	1	Ring, retaining, iris port, clear
10	68 120 57	1	Sleeve, iris port, disposable, soft
11	83 300 05	1	Door, access
12	81 020 20	2	Clamp, cable, spring tie, nylon 0.38" inner diameter
13	83 300 11	1	Access door cuff, disposable, replaceable
14	83 300 07	1	Gasket, access door
15	83 300 08	2	Pivot hinge, access door
16	68 510 10	1	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
17	99 024 19	8	Screw, #6-32 x 9/16" truss phillips nylock
18	83 900 09	1	Replacement kit, access door latch
19	83 300 15	1	Latch mount, access door
20	99 024 43	2	Screw, #6-32 x 5/8" truss phillips
21	99 042 92	8	Screw, #10-32 x ¾" truss phillips
22	99 122 04	2	Washer, flat 0.15" inner diameter, 0.31" outer diameter, 0.06" thick
23	83 200 45	2	Slide assembly, sensor module
24	99 105 02	4	Nut, hex, #6-32
25	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
26	99 105 20	2	Nut, acorn, #6-32 aluminum
27	99 024 18	2	Screw, #6-32 x 9/16" truss phillips

Item Number	Part Number	Quantity	Description
28	68 232 24	2	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long
29	83 200 18	2	Plate, backup, hinge, left front and right rear
30	83 200 19	2	Plate, backup, hinge, left rear and right front
31	67 502 51	2	Base, screw, ¼"-20
32	83 300 56	4	Spacer, #6-32 inner diameter, 0.31" outer diameter, 0.38" long
33	99 023 58	4	Screw, #6-32 x 7/16", flat phillips
34	83 200 95	1	Plate, cover, slide fixture
35	83 200 97	1	Washer, cover spring module—slide lock
36	83 200 98	1	Slide lock, sensor module

NOTES:

High Dual Access Hood Assembly with Two Access Doors ("00" Series Model Only)

Figure 5-8. High Dual Access Hood Assembly with Two Access Doors ("00" Series Model Only)



Left-hand side shown for clarity of access door components.

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Table 5-8. High Dual Access Hood Assembly with Two Access Doors ("00" Series Model Only)

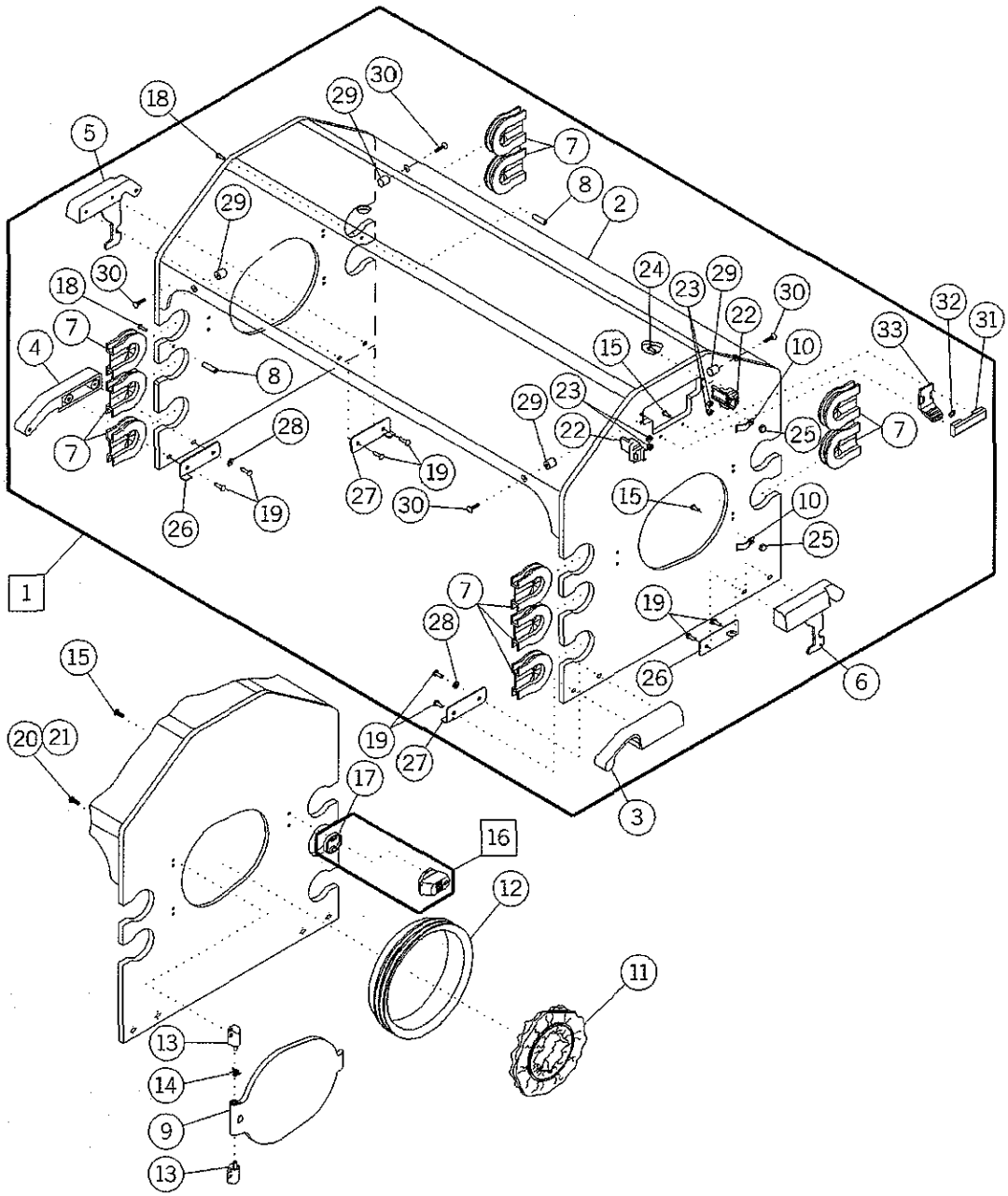
Item Number	Part Number	Quantity	Description
1	83 200 73	1	Hood assembly, high, dual access, access doors left and right
2	83 200 31	1	Hood, high, dual access, access doors left and right
3	83 200 15	4	Keeper, access panel latch
4	83 200 10	1	Hinge, hood/access panel, right front
5	83 200 11	1	Hinge, hood/access panel, left front
6	83 200 12	1	Hinge, hood/access panel, left rear
7	83 200 13	1	Hinge, hood/access panel, right rear
8	83 200 20	10	Grommet, access
9	68 232 24	2	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long
10	83 300 05	2	Door, access
11	81 020 20	2	Clamp, cable, spring tie, nylon 0.38" inner diameter
12	83 300 11	2	Access door cuff, disposable, replaceable
13	83 300 07	2	Gasket, access door
14	83 300 08	4	Pivot hinge, access door
15	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
16	99 024 19	20	Screw, #6-32 x 9/16" truss phillips nylock
17	83 900 09	2	Replacement kit, access door latch
18	83 300 15	2	Latch mount, access door
19	99 024 18	2	Screw, #6-32 x 9/16" truss phillips
20	99 042 92	8	Screw, #10-32 x ¾" truss phillips
21	99 024 43	4	Screw, #6-32 x 5/8" truss phillips
22	83 200 45	2	Slide assembly, sensor module
23	83 200 42	1	Plate, cover, no calibration fixture
24	99 105 02	4	Nut, hex, #6-32
25	99 024 52	4	Screw, #6-32 x 5/8" pan phillips
26	99 105 20	2	Nut, acorn, #6-32 aluminum

Item Number	Part Number	Quantity	Description
27	83 200 18	2	Plate, backup, hinge, left front and right rear
28	83 200 19	2	Plate, backup, hinge, left rear and right front
29	67 502 51	2	Base, screw, ¼"-20

NOTES:

High Dual Access Hood Assembly with Two Access Doors ("01" Series Model Only)

Figure 5-9. High Dual Access Hood Assembly with Two Access Doors ("01" Series Model Only)



Left-hand side view shown for clarity of access door components.

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Table 5-9. High Dual Access Hood Assembly with Two Access Doors ("01" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 200 80-R	1	Hood assembly, high, dual access, access door left and right
2	83 200 31	1	Hood, high, dual access, access door left and right
3	83 200 10	1	Hinge, hood/access panel, right front
4	83 200 11	1	Hinge, hood/access panel, left front
5	83 200 12	1	Hinge, hood/access panel, left rear
6	83 200 13	1	Hinge, hood/access panel, right rear
7	83 200 20	10	Grommet, access
8	68 232 24	2	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long
9	83 300 05	2	Door, access
10	81 020 20	2	Clamp, cable, spring tie, nylon 0.38" inner diameter
11	83 300 11	2	Access door cuff, disposable, replaceable
12	83 300 07	2	Gasket, access door
13	83 300 08	4	Pivot hinge, access door
14	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
15	99 024 19	12	Screw, #6-32 x 9/16" truss phillips nylock
16	83 900 09	2	Replacement kit, access door latch
17	83 300 15	2	Latch mount, access door
18	99 024 18	2	Screw, #6-32 x 9/16" truss phillips
19	99 042 92	8	Screw, #10-32 x ¾" truss phillips
20	99 024 43	4	Screw, #6-32 x 5/8" truss phillips
21	99 122 04	4	Washer, flat, 0.15" inner diameter, 0.31" outer diameter, 0.06" thick
22	83 200 45	2	Slide assembly, sensor module
23	99 105 02	4	Nut, hex, #6-32
24	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
25	99 105 20	2	Nut, acorn, #6-32 aluminum

Item Number	Part Number	Quantity	Description
26	83 200 18	2	Plate, backup, hinge, left front and right rear
27	83 200 19	2	Plate, backup, hinge, left rear and right front
28	67 502 51	2	Base, screw, ¼"-20
29	83 300 56	4	Spacer, #6-32 inner diameter, 0.31" outer diameter, 0.38" long
30	99 023 58	4	Screw, #6-32 x 7/16", flat phillips
31	83 200 95	1	Plate, cover, slide fixture
32	83 200 97	1	Washer, cover spring module—slide lock
33	83 200 98	1	Slide lock, sensor module

NOTES:

High Front Access Hood Assembly with Four Access Doors ("00" Series Model Only)

Figure 5-10. High Front Access Hood Assembly with Four Access Doors ("00" Series Model Only)

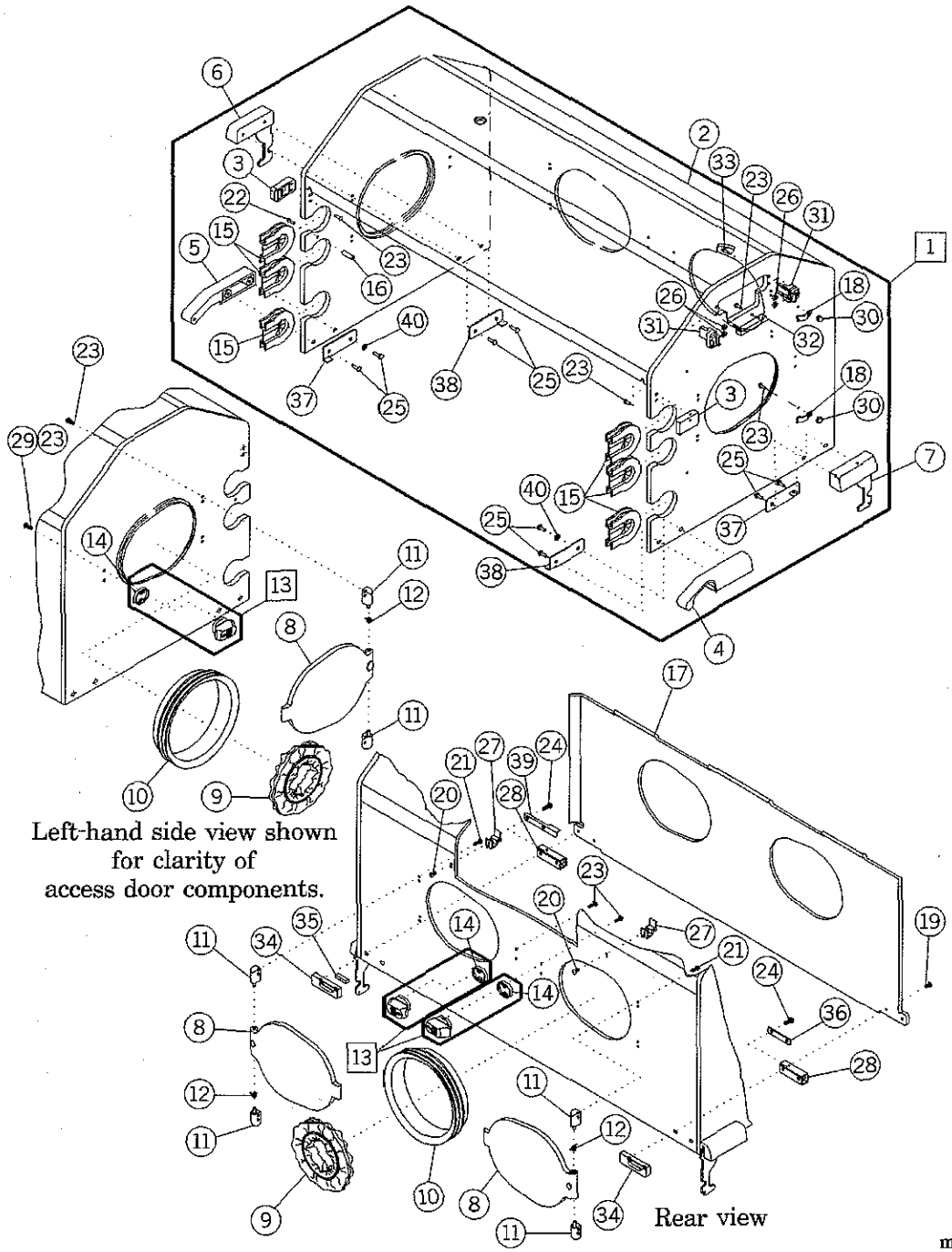

Table 5-10. High Front Access Hood Assembly with Four Access Doors ("00" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 200 74	1	Hood assembly, high, front access, two access doors, access door left and right
2	83 200 33	1	Hood, high, front access, two access doors, access door left and right
3	83 200 15	2	Keeper, access panel latch
4	83 200 10	1	Hinge, hood/access panel, right front
5	83 200 11	1	Hinge, hood/access panel, left front
6	83 200 16	1	Hinge, hood, left, rear
7	83 200 17	1	Hinge, hood, right, rear
8	83 300 05	4	Door, access
9	83 300 11	4	Access door cuff, disposable, replaceable
10	83 300 07	4	Gasket, access door
11	83 300 08	8	Pivot hinge, access door
12	68 510 10	4	Spring, torsion, 0.27" outer diameter, 0.3" wide, 0.365" long
13	83 900 09	4	Replacement kit, access door latch
14	83 300 15	4	Latch mount, access door
15	83 200 20	6	Grommet, access
16	68 232 24	1	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long
17	83 001 10	1	Heat shield, access panel, high
18	81 020 20	2	Clamp, cable, spring tie, nylon 0.38" inner diameter
19	99 085 15	8	Screw, self-tapping, #6-32 x 3/8" flat truss phillips
20	99 088 67	2	Screw, self-tapping, #8 x 3/8" pan phillips
21	99 023 64	8	Screw, #6-32 x 7/16" truss phillips nylock
22	99 024 18	1	Screw, #6-32 x 9/16" truss phillips
23	99 024 19	16	Screw, #6-32 x 9/16" truss phillips nylock
24	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
25	99 042 92	8	Screw, #10-32 x ¾" truss phillips
26	99 105 02	4	Nut, hex, #6-32

Item Number	Part Number	Quantity	Description
27	83 300 09	2	Latch, heat shield
28	83 300 10	2	Hinge, heat shield
29	99 024 43	4	Screw, #6-32 x 5/8" truss phillips
30	99 105 20	2	Nut, acorn, #6-32 aluminum
31	83 200 45	2	Slide assembly, sensor module
32	83 200 42	1	Plate, cover, no calibration fixture
33	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
34	83 100 45	2	Plate, hinge and magnet
35	83 300 33	1	Magnet, ¼" square 1" long
36	83 300 04	1	Plate, backup, hinge, heat shield
37	83 200 18	2	Plate, backup, hinge, left front and right rear
38	83 200 19	2	Plate, backup, hinge, left rear and right front
39	83 300 13	1	Bracket, heat shield, rear
40	67 502 51	2	Base, screw, ¼"-20

NOTES:

High Front Access Hood Assembly with Four Access Doors ("01" Series Model Only)

Figure 5-11. High Front Access Hood Assembly with Four Access Doors ("01" Series Model Only)

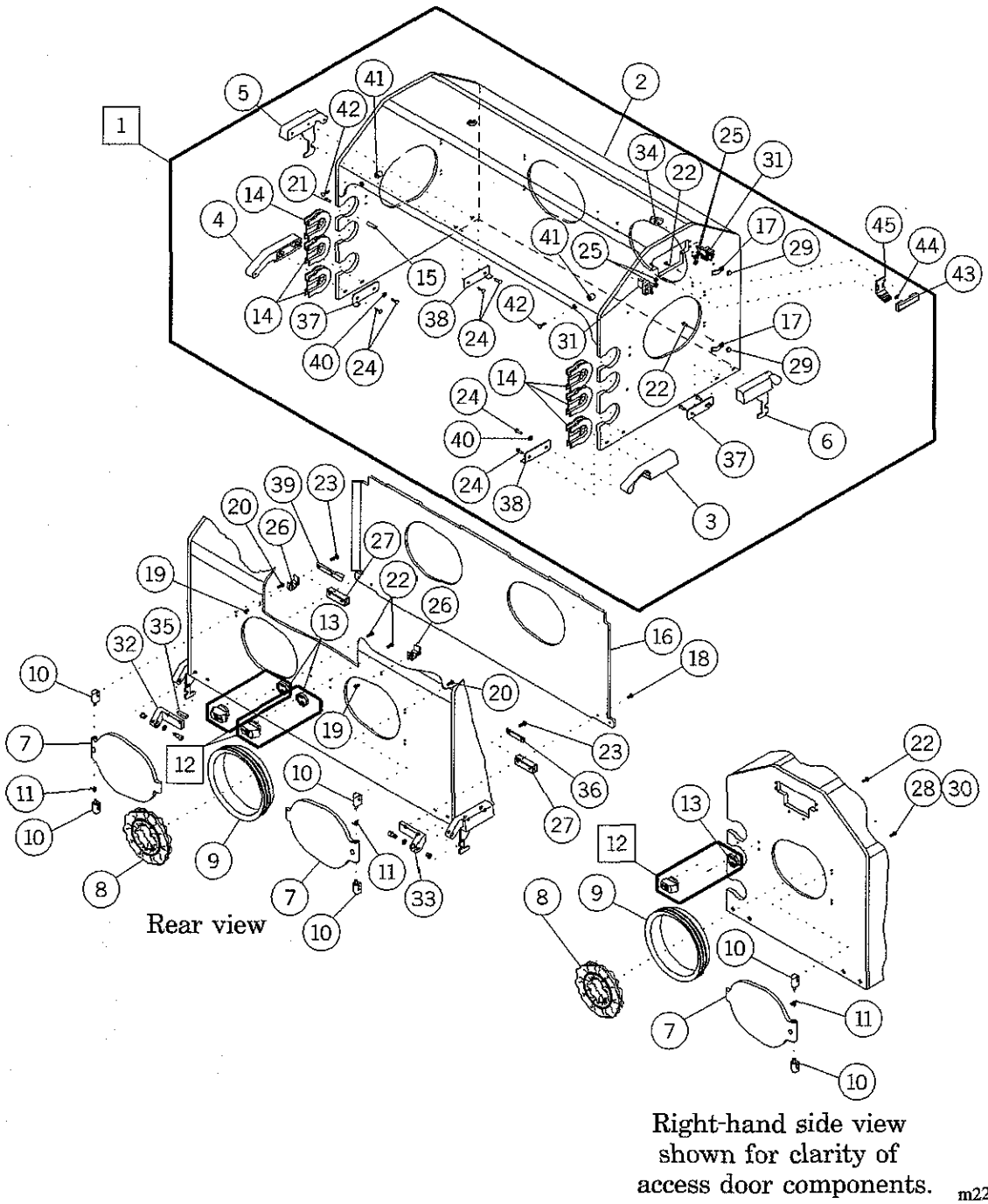

Table 5-11. High Front Access Hood Assembly with Four Access Doors ("01" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 200 81	1	Hood assembly, high, front access, two access doors, access door left and right
2	83 200 54	1	Hood, high, front access, two access doors, access door left and right
3	83 200 10	1	Hinge, hood/access panel, right front
4	83 200 11	1	Hinge, hood/access panel, left front
5	83 200 12	1	Hinge, hood/access panel, left rear
6	83 200 13	1	Hinge, hood/access panel, right rear
7	83 300 05	4	Door, access
8	83 300 11	3	Access door cuff, disposable, replaceable
9	83 300 07	3	Gasket, access door
10	83 300 08	8	Pivot hinge, access door
11	68 510 10	4	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
12	83 900 09	4	Replacement kit, access door latch
13	83 300 15	4	Latch mount, access door
14	83 200 20	6	Grommet, access
15	68 232 24	1	Standoff, #6-32 inner diameter, 0.38" outer diameter, 0.44" long
16	83 001 11-R	1	Replacement heat shield, access panel
17	81 020 20	2	Clamp, cable, spring tie, nylon 0.38" inner diameter
18	99 088 67	4	Screw, self-tapping, #8 x 3/8" pan phillips
19	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
20	99 023 64	8	Screw, #6-32 x 7/16" truss phillips nylock
21	99 024 18	1	Screw, #6-32 x 9/16" truss phillips
22	99 024 19	16	Screw, #6-32 x 9/16" truss phillips nylock
23	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
24	99 042 92	8	Screw, #10-32 x ¾" truss phillips
25	99 105 02	4	Nut, hex, #6-32
26	83 300 09	2	Latch, heat shield
27	83 300 10	2	Hinge, heat shield

Item Number	Part Number	Quantity	Description
28	99 024 43	4	Screw, #6-32 x 5/8" truss phillips
29	99 105 20	2	Nut, acorn, #6-32 aluminum
30	99 122 04	4	Washer, flat, 0.15" inner diameter, 0.31" outer diameter, 0.06" thick nylon
31	83 200 45	2	Slide assembly, sensor module
32	83 300 36	1	Hinge, access panel, right rear
33	83 300 35	1	Hinge, access panel, left rear
34	99 024 52	4	Screw, #6-32 x 5/8" pan phillips nylock
35	83 300 33	1	Magnet, ¼" square, 1" long
36	83 300 04	1	Plate, backup, hinge, heat shield
37	83 200 18	2	Plate, backup, hinge, left front and right rear
38	83 200 19	2	Plate, backup, hinge, left rear and right front
39	83 300 13	1	Bracket, heat shield, rear
40	67 502 51	2	Base, screw, ¼-20
41	83 300 56	2	Spacer, #6-32 inner diameter, 0.31" outer diameter, 0.38" long
42	99 023 58	2	Screw, #6-32 x 7/16", flat phillips
43	83 200 95	1	Plate, cover, slide fixture
44	83 200 97	1	Washer, cover spring module—slide lock
45	83 200 98	1	Slide lock, sensor module

NOTES:

Access Panel Front Assembly ("00" Series Model Only)

Figure 5-12. Access Panel Front Assembly ("00" Series Model Only)

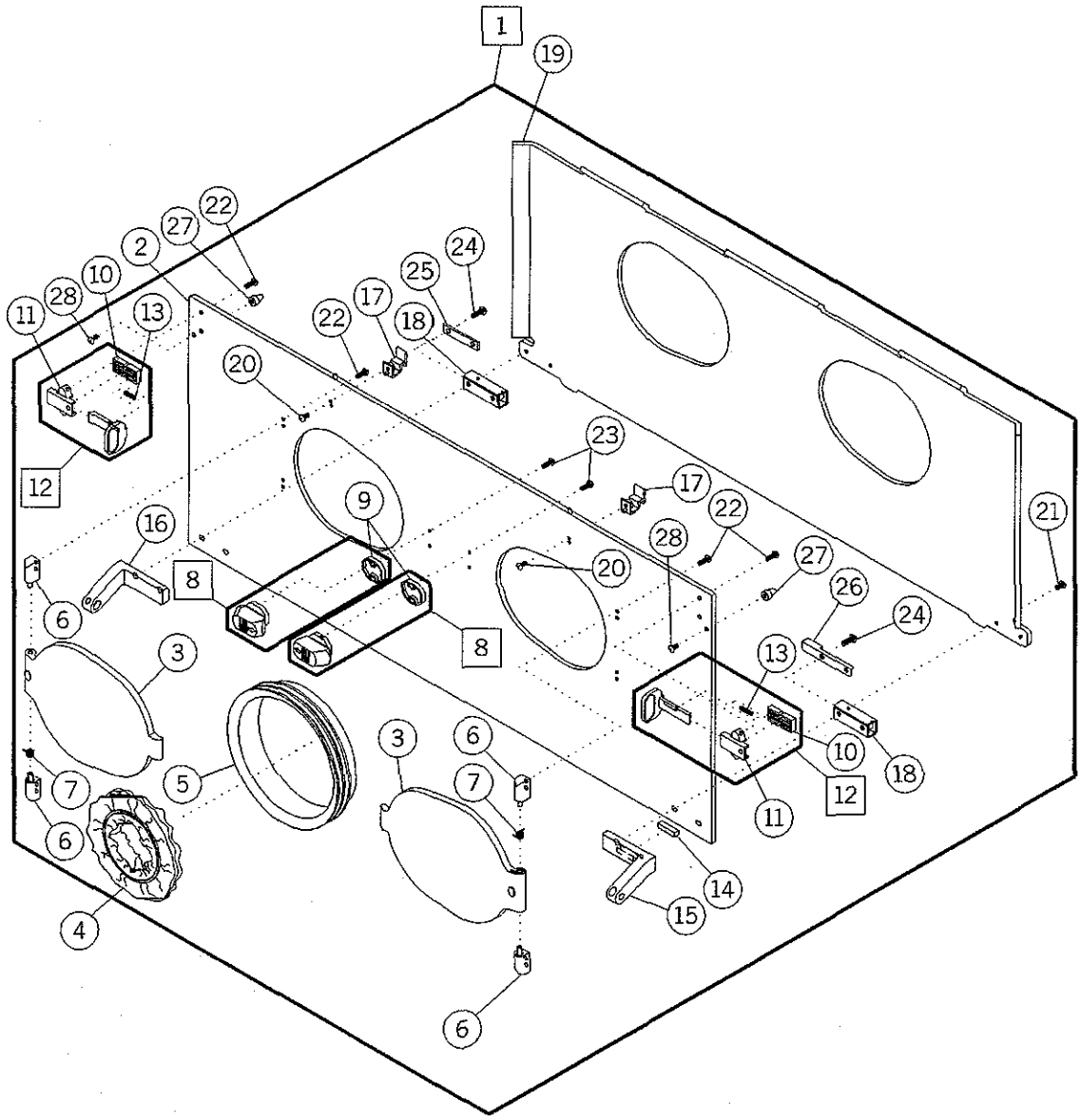

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Table 5-12. Access Panel Front Assembly ("00" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 300 70-R	1	Access panel assembly high, front
2	83 300 00	1	Access panel, high
3	83 300 05	2	Door, access
4	83 300 11	2	Access door cuff, disposable, replaceable
5	83 300 07	2	Gasket, access door
6	83 300 08	4	Pivot hinge, access door
7	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
8	83 900 09	2	Replacement kit, access door latch
9	83 300 15	2	Latch mount, access door
10	83 300 26	2	Lower body, access panel latch
11	83 300 25	2	Upper body, access panel latch
12	83 900 08	2	Replacement kit, access panel latch
13	83 300 29	2	Spring, compression, 0.18" outer diameter, 0.014" wide, 1½" long
14	83 300 33	1	Magnet, ¼" square, 1" long
15	83 300 30	1	Hinge, access panel, right front
16	83 300 31	1	Hinge, access panel, left front
17	83 300 09	2	Latch, heat shield
18	83 300 10	2	Hinge, heat shield
19	83 001 10	1	Heat shield, access panel, high
20	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
21	99 085 21	4	Screw, self-tapping, #6 x 3/8" pan phillips
22	99 023 64	12	Screw, #6-32 x 7/16" truss phillips nylock
23	99 024 19	4	Screw, #6-32 x 9/16" truss phillips nylock
24	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
25	83 300 04	1	Plate, backup, hinge, heat shield
26	83 300 12	1	Bracket, heat shield, front
27	83 300 57	2	Spacer, #6-32 inner diameter, 0.31" outer diameter, ½" long
28	99 023 63	2	Screw, #6-32 x 7/16" truss phillips

Access Panel Front Assembly ("01" Series Model Only)

Figure 5-13. Access Panel Front Assembly ("01" Series Model Only)

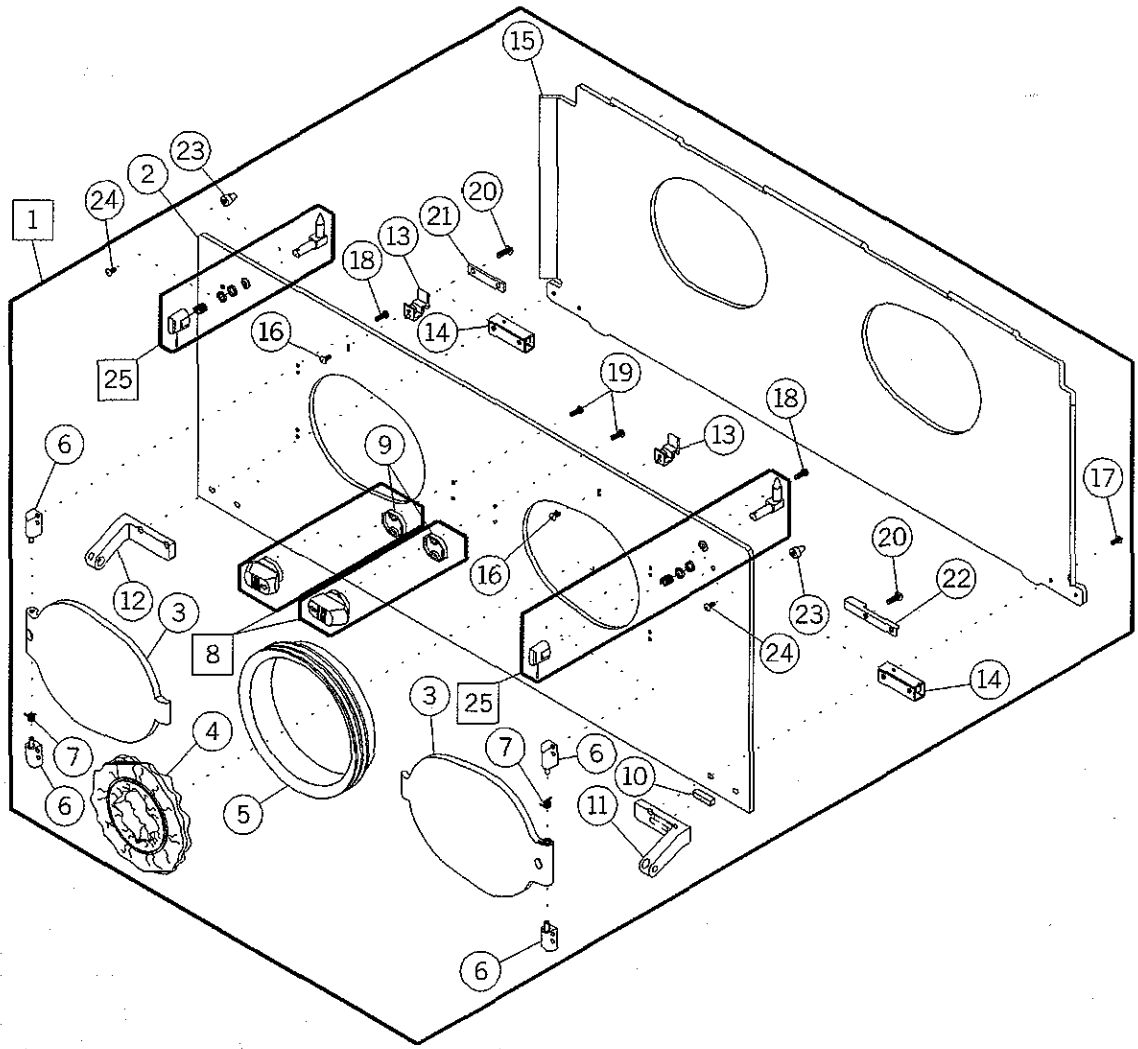

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Table 5-13. Access Panel Front Assembly ("01" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 300 76-R	1	Replacement access panel assembly, high, front
2	83 300 00	1	Access panel, high
3	83 300 05	2	Door, access
4	83 300 11	2	Access door cuff, disposable, replaceable
5	83 300 07	2	Gasket, access door
6	83 300 08	4	Pivot hinge, access door
7	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
8	83 900 09	2	Replacement kit, access door latch
9	83 300 15	2	Latch mount, access door
10	83 300 33	1	Magnet, ¼" square, 1" long
11	83 300 30	1	Hinge, access panel, right front
12	83 300 31	1	Hinge, access panel, left front
13	83 300 09	2	Latch, heat shield
14	83 300 10	2	Hinge, heat shield
15	83 001 10	1	Heat shield, access panel, high
16	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
17	99 088 67	4	Screw, self-tapping, #8 x 3/8" pan phillips
18	99 023 64	8	Screw, #6-32 x 7/16" truss phillips nylock
19	99 024 19	4	Screw, #6-32 x 9/16" truss phillips nylock
20	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
21	83 300 04	1	Plate, backup, hinge, heat shield
22	83 300 12	1	Bracket, heat shield, front
23	83 300 57	2	Spacer, #6-32 inner diameter, 0.31" outer diameter, ½" long
24	99 023 63	2	Screw, #6-32 x 7/16" truss phillips
25	68 902 96	2	Knob and latch replacement kit, access panel

Access Panel Rear Assembly ("00" Series Model Only)

Figure 5-14. Access Panel Rear Assembly ("00" Series Model Only)

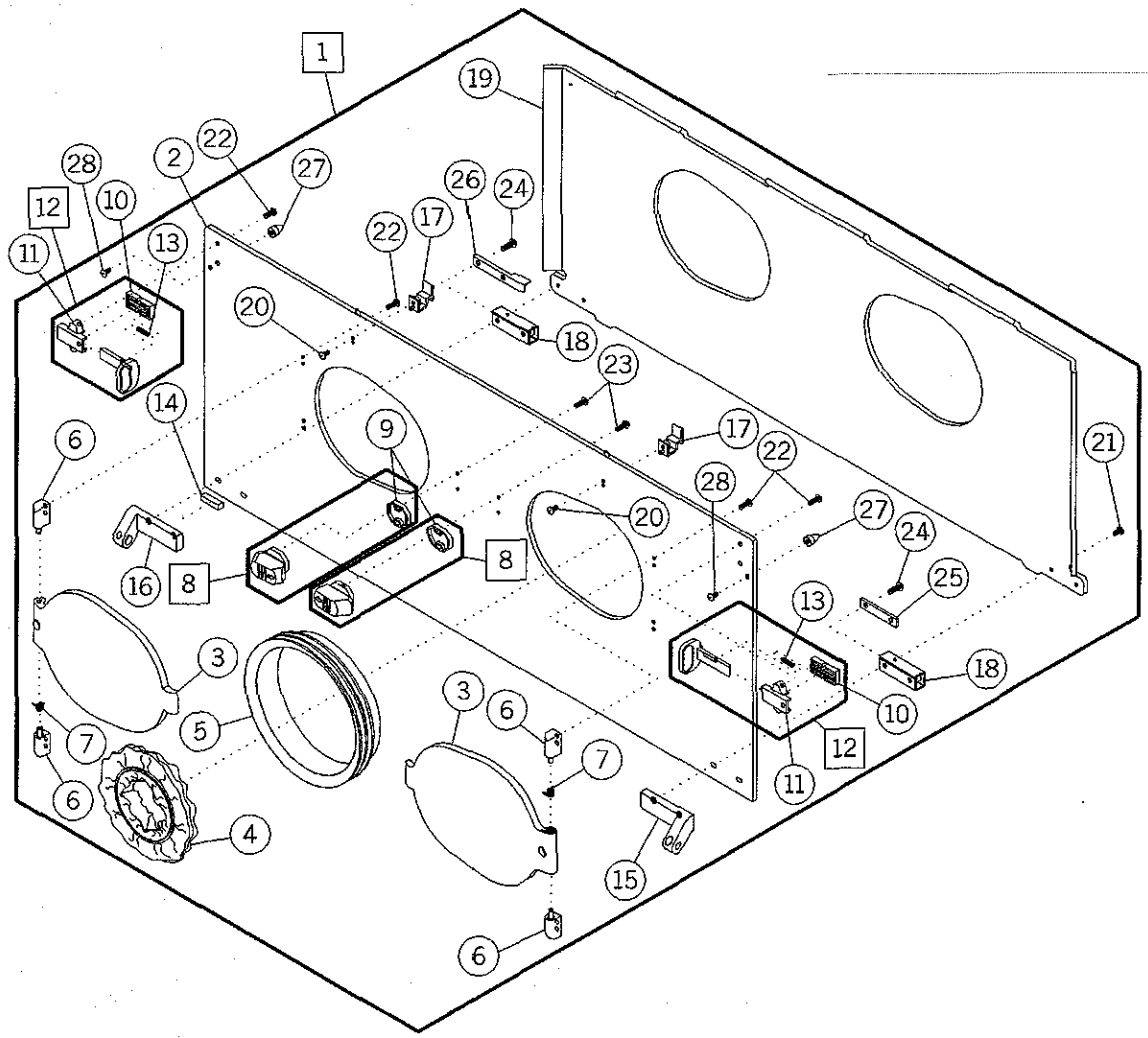

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Table 5-14. Access Panel Rear Assembly ("00" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 300 71-R	1	Access panel assembly high rear
2	83 300 00	1	Access panel, high
3	83 300 05	2	Door, access
4	83 300 11	2	Access door cuff, disposable, replaceable
5	83 300 07	2	Gasket, access door
6	83 300 08	4	Pivot hinge, access door
7	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
8	83 900 09	2	Replacement kit, access door latch
9	83 300 15	2	Latch mount, access door
10	83 300 26	2	Lower body, access panel latch
11	83 300 25	2	Upper body, access panel latch
12	83 900 08	2	Replacement kit, access panel latch
13	83 300 29	2	Spring, compression, 0.18" outer diameter, 0.014" wide, 1½" long
14	83 300 33	1	Magnet, ¼" square 1" long
15	83 300 35	1	Hinge, access panel, left rear
16	83 300 36	1	Hinge, access panel, right rear
17	83 300 09	2	Latch, heat shield
18	83 300 10	2	Hinge, heat shield
19	83 001 10	1	Heat shield, access panel, high
20	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
21	99 088 67	4	Screw, self-tapping, #8 x 3/8" pan phillips
22	99 023 64	12	Screw, #6-32 x 7/16" truss phillips nylock
23	99 024 19	4	Screw, #6-32 x 9/16" truss phillips nylock
24	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
25	83 300 04	1	Plate, backup, hinge, heat shield
26	83 300 13	1	Bracket, heat shield, rear
27	83 300 57	2	Spacer, #6-32 inner diameter, 0.31" outer diameter, ½" long
28	99 023 63	2	Screw, #6-32 x 7/16" truss phillips

Access Panel Rear Assembly ("01" Series Model Only)

Figure 5-15. Access Panel Rear Assembly ("01" Series Model Only)

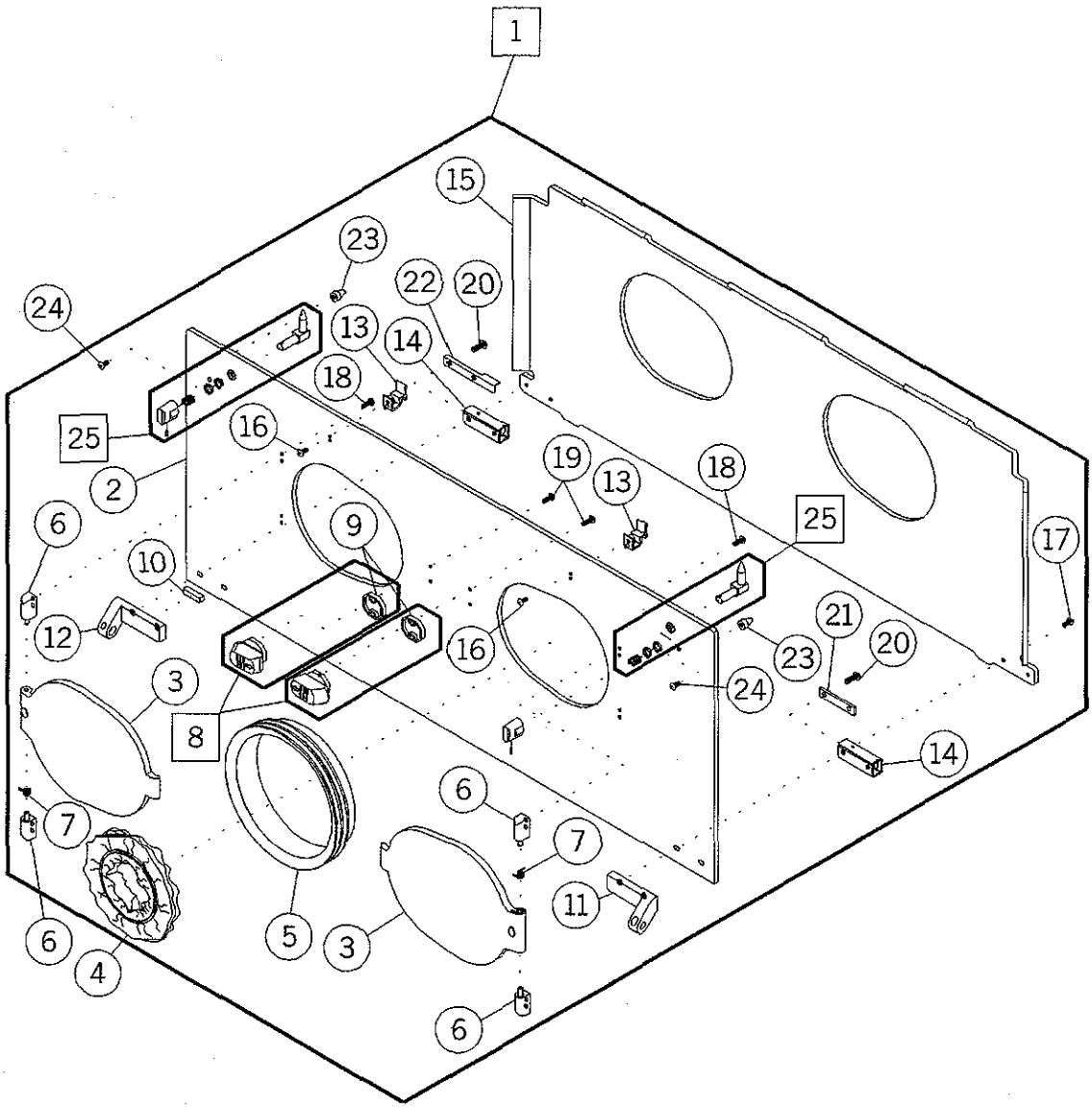

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Table 5-15. Access Panel Rear Assembly ("01" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 300 77-R	1	Replacement access panel assembly, high, rear
2	83 300 52-R	1	Replacement access panel, high
3	83 300 05	2	Door, access
4	83 300 11	2	Access door cuff, disposable, replaceable
5	83 300 07	2	Gasket, access door
6	83 300 08	4	Pivot hinge, access door
7	68 510 10	2	Spring, torsion, 0.27" outer diameter, 0.03" wide, 0.365" long
8	83 900 09	2	Replacement kit, access door latch
9	83 300 15	2	Latch mount, access door
10	83 300 33	1	Magnet, ¼" square, 1" long
11	83 300 35	1	Hinge, access panel, left rear
12	83 300 36	1	Hinge, access panel, right rear
13	83 300 09	2	Latch, heat shield
14	83 300 10	2	Hinge, heat shield
15	83 001 11-R	1	Replacement heat shield, access panel
16	99 023 51	2	Screw, #6-32 x 3/8" truss phillips nylock
17	99 088 67	4	Screw, self-tapping, #8 x 3/8" pan phillips
18	99 023 64	8	Screw, #6-32 x 7/16" truss phillips nylock
19	99 024 19	4	Screw, #6-32 x 9/16" truss phillips nylock
20	99 042 66	4	Screw, #10-32 x 5/8" truss phillips nylock
21	83 300 04	1	Plate, backup, hinge, heat shield
22	83 300 13	1	Bracket, heat shield, rear
23	83 300 57	2	Spacer, #6-32 inner diameter, 0.31" inner diameter, ½" long
24	99 023 63	2	Screw, #6-32 x 7/16" truss phillips
25	68 902 96	2	Knob and latch replacement kit, access panel

Shell Assembly ("00", "01", and "02" Series Models Only)

Figure 5-16. Shell Assembly ("00", "01", and "02" Series Models Only)

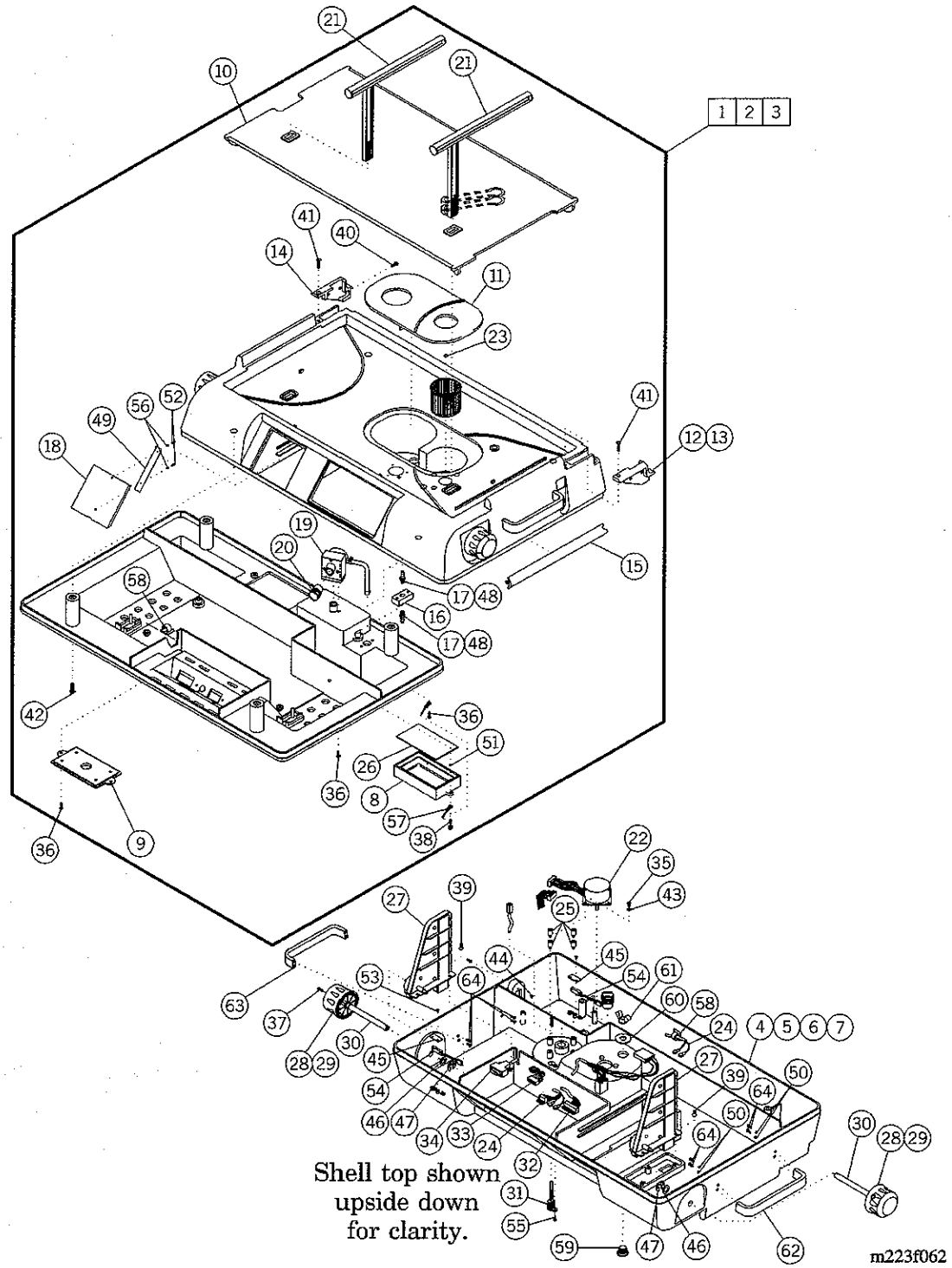

Table 5-16. Shell Assembly ("00", "01", and "02" Series Models Only)

Item Number	Part Number	Quantity	Description
1	83 100 70-R	1	Replacement shell assembly ("00" and "01" series models only)
2	83 100 73	1	Shell assembly ("02" series models only)
3	83 100 74	1	Shell assembly, barn door (optional)
4	83 900 01	1	Replacement kit, shell top, English (English model only)
5	83 900 02	1	Replacement kit, shell top, Spanish (Spanish model only)
6	83 900 03	1	Replacement kit, shell top, France (French model only)
7	83 900 04	1	Replacement kit, shell top, German (German model only)
8	83 100 10	1	Door, access, filter
9	83 100 11	1	Door, access, pneumatic module
10	83 100 03	1	Deck
11	83 900 12	1	Replacement kit, scroll cover
12	83 100 15	1	Bracket, pivot, right ("00" and "01" series models only)
13	83 102 70-R	1	Bracket, pivot/hood lock assembly ("02" series models only)
14	83 100 16	1	Bracket, pivot, left
15	83 100 20	1	Extrusion, bumper
16	83 100 25	1	Manifold, oxygen
17	01 017 00	2	Connector, barb, ¼" hose x 1/8"
18	83 100 41	1	Door, humidity cover
19	83 900 16	1	Replacement kit, check valve assembly
20	83 100 21	1	Hose, corrugated, 22 mm inner diameter x 12 mm long
21	83 900 11	2	Lift bar kit
22	83 900 15	1	Replacement motor kit
23	83 100 69	1	Clamp, hose, wire (for 3/8" outer diameter)
24	83 100 60	1	Wiring harness assembly, AC

Item Number	Part Number	Quantity	Description
25	68 230 24	4	Isolator, vibration, 0.44" outer diameter, 0.44" long, 4 lb
26	83 101 30	1	Filter, replacement
27	83 900 24	2	Retrofit kit, tilt mechanism
28	83 110 85	2	Knob assembly, mattress tilt ("00", "01", and "02" series models only)
29	83 110 20	2	Knob, mattress tilt (barn door option only)
30	83 110 21	2	Shaft, knob (barn door option only)
31	83 102 80	1	Probe, impeller movement detector
32	83 100 48	1	Cable assembly, AC harness to controller
33	83 100 53	1	Cable assembly, incubator motor to controller
34	83 100 49	1	Cable assembly, sensor module to controller
35	99 031 05	4	Screw, #8-32 x 5/16" truss phillips
36	99 031 99	6	Screw, #8-32 x ½", truss phillips nylock
37	99 031 53	2	Screw, #8-32 x 3/8" cap nylock
38	83 100 55	2	Screw, panel, #8-32 x 0.875" long
39	99 040 91	6	Screw, #10-32 x 5/16" pan phillips nylock
40	99 042 05	2	Screw, #10-32 x ½" truss phillips nylock
41	99 042 08	2	Screw, #10-32 x ½" pan phillips nylock
42	99 055 96	4	Screw, ¼"-20 x ½" truss phillips nylock
43	99 122 92	4	Washer, lock, internal, #8
44	99 105 34	2	Nut, hex, #6-32 keps
45	83 100 09	2	Plate, mounting, hall effect
46	99 127 79	2	Washer, flat, 0.516" inner diameter, 0.88" outer diameter, 0.01" thick nylon
47	99 182 61	2	Ring, retaining, external "E",
48	99 900 26	2	Tape, pipe junction seal, Teflon®[a], ½"
49	83 100 42	1	Spring, formed, humidity door

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Item Number	Part Number	Quantity	Description
50	99 123 94	8	Washer, lock, external, #10
51	99 160 08	2	O-ring, 1/8" x ¼" x 1/16"
52	99 022 83	2	Screw, #6-32 x ¼" pan phillips, sems
53	99 010 67	2	Screw, #4-40 x ¼" truss phillips nylock
54	17 683 51	2	Switch, magnetic reed
55	99 024 19	1	Screw, #6-32 x 9/16" truss phillips nylock
56	99 122 04	2	Washer, flat, 0.15" inner diameter, 0.31" outer diameter, 0.06" thick
57	83 100 65-R	1	Bead chain assembly
58	17 725 44	2	Clip, cord retaining
59	83 100 68	1	Plug, 7/16"-14, 1.06" large
60	99 127 78	1	Washer, flat, 0.536" inner diameter, 1½" outer diameter, 0.05" thick
61	83 100 44	1	Nut, wing, 7/16"-14, nylon
62	83 100 12	1	Handle, left
63	83 100 13	1	Handle, right
64	99 042 88	8	Screw, #10-32 x ¾" truss phillips

Shell Assembly ("03" Series Model Only)

Figure 5-17. Shell Assembly ("03" Series Model Only)

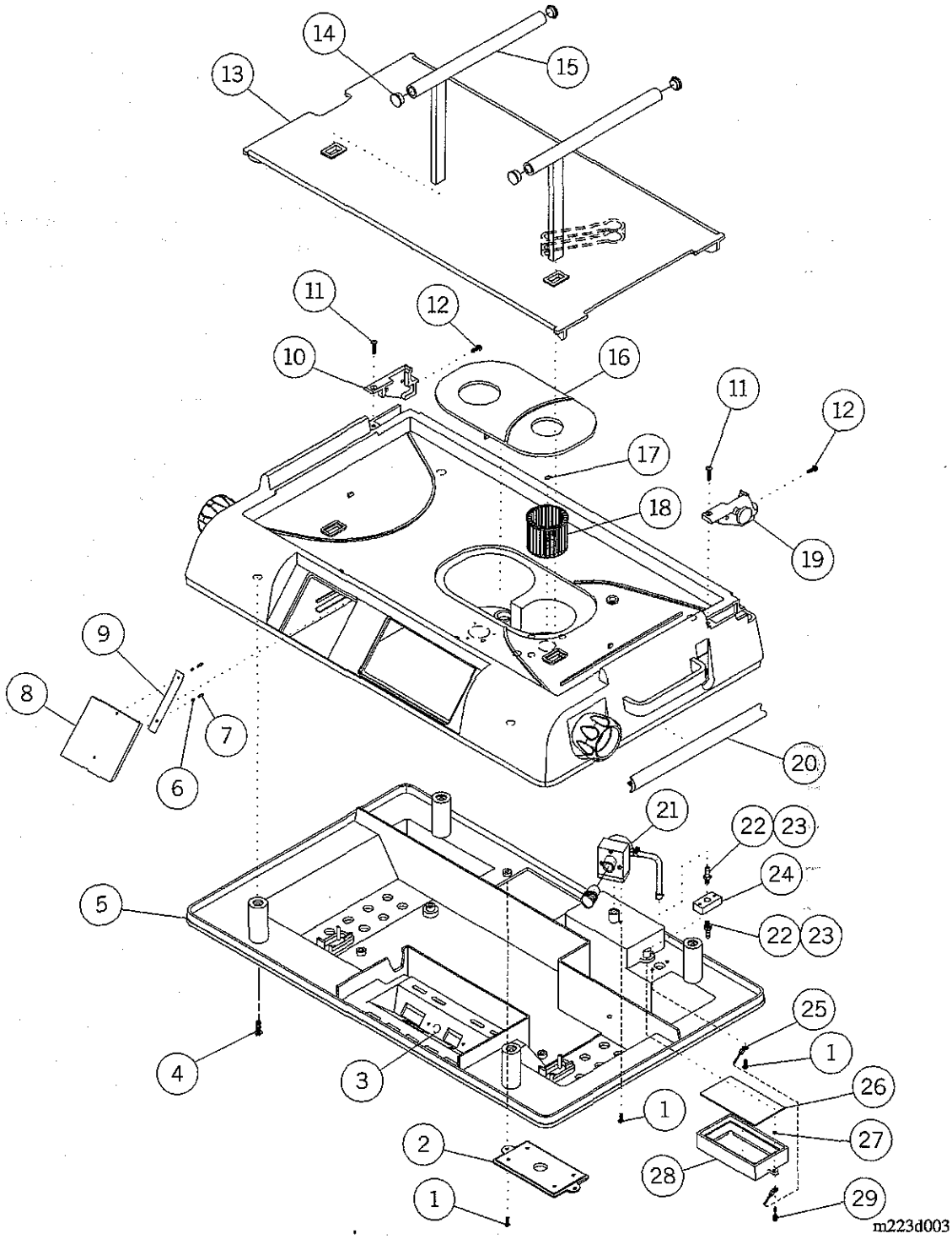

Table 5-17. Shell Assembly ("03" Series Model Only)

Item Number	Part Number	Quantity	Description
1	99 032 57	3	Screw, #8-32 x 5/8", truss phillips nylock
2	83 100 11	1	Door, access, pneumatic module
3	68 212 05	1	Label, ground symbol, functional
4	99 055 96	4	Screw, ¼"-20 x ½" truss phillips nylock
5	83 100 02	1	Shell, bottom
6	99 122 04	2	Washer, flat, 0.15" inner diameter, 0.31" outer diameter, 0.06" thick nylon
7	99 022 83	2	Screw, #6-32 x ¼" pan phillips, sems
8	83 100 41	1	Door, humidity cover
9	83 100 42	1	Spring, formed, humidity cover
10	83 100 16	1	Bracket, pivot, left
11	99 042 08	2	Screw, #10-32 x ½" pan phillips nylock
12	99 042 05	2	Screw, #10-32 x ½" truss phillips nylock
13	83 100 03	1	Deck
14	83 100 15	4	Bracket, pivot, right
15	83 900 11	1	Lift bar kit
16	83 100 04	1	Cover, scroll
17	83 100 69	1	Clamp, hose, wire (for 3/8" outer diameter)
18	83 102 85	1	Impeller assembly
19	83 102 70-R	1	Bracket, pivot/hood lock assembly
20	83 100 20	2	Extrusion, bumper
21	83 900 16	1	Replacement kit, check valve assembly
22	01 017 00	2	Connector, barb, ¼" hose x 1/8"
23	99 900 26	As required	Tape, pipe junction seal, Teflon®[a], ½"
24	83 100 25	1	Manifold, oxygen
25	83 100 65-R	1	Bead chain assembly
26	83 101 30	1	Filter, replacement
27	99 160 08	1	O-ring, 1/8" x ¼" x 1/16"
28	83 100 10	1	Door, access, filter
29	83 100 55	1	Screw, panel, #8-32 x 0.875" long

a. Teflon® is a registered trademark of E. I. du Pont and de Nemours and Company.

Top Shell Assembly ("03" Series Model Only)

Figure 5-18. Top Shell Assembly ("03" Series Model Only)

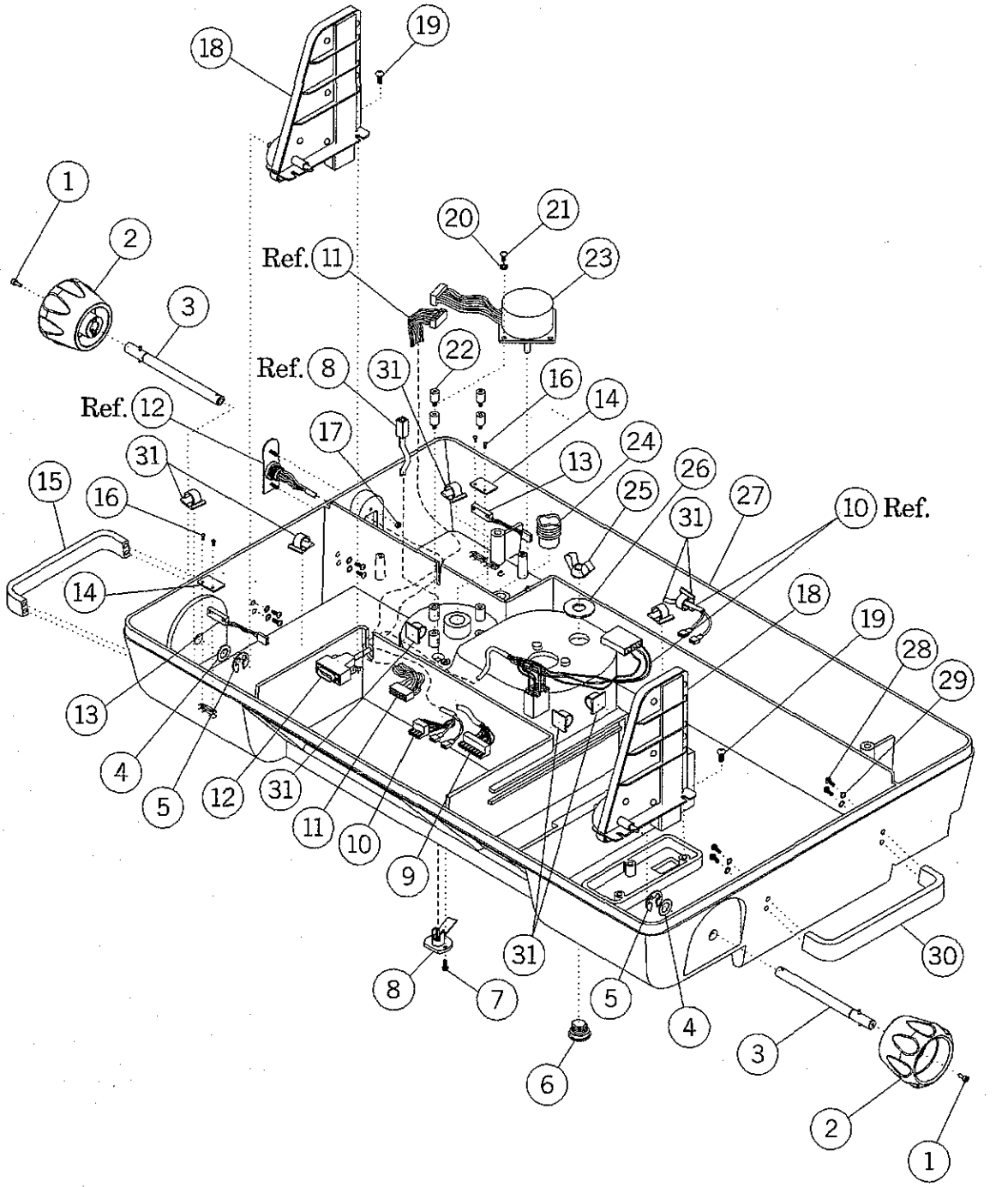

Table 5-18. Top Shell Assembly ("03" Series Model Only)

Item Number	Part Number	Quantity	Description
1	99 031 53	2	Screw, #8-32 x 3/8" cap nylock
2	83 110 20	2	Knob, mattress tilt
3	83 110 21	2	Shaft, knob
4	99 127 79	2	Washer, flat, 0.516" inner diameter, 0.88" outer diameter, 0.01" thick nylock
5	99 182 61	2	Ring, retaining, external "E"
6	83 100 68	1	Plug, 7/16"-14, 1.06" long
7	99 024 19	1	Screw, #6-32 x 9/16" truss phillips nylock
8	83 102 80	1	Probe, impeller movement detector
9	83 100 48	1	Cable assembly, AC harness to controller
10	83 100 25	1	Manifold, oxygen
11	83 100 53	1	Cable assembly, incubator motor to controller
12	83 100 49	1	Cable assembly, sensor module to controller
13	17 683 51	1	Switch, magnetic reed
14	83 100 09	1	Plate, mounting, hall effect
15	83 100 13	1	Handle, right
16	99 010 67	2	Screw, #4-40 x ¼" truss phillips nylock
17	99 105 34	1	Nut, hex, #6-32 keps
18	83 900 24	2	Retrofit kit, tilt mechanism
19	99 040 91	4	Screw, #10-32 x 5/16" pan phillips nylock
20	99 122 92	4	Washer, lock, internal, #8
21	99 031 05	4	Screw, #8-32 x 5/16" truss phillips
22	68 230 24	4	Isolator, vibration, 0.44" outer diameter, 0.44" long, 4 lb
23	83 900 15	1	Replacement motor kit
24	83 100 21	1	Hose, corrugated, 22 mm inner diameter x 12 mm long
25	83 100 44	1	Nut, wing, 7/16"-14, nylon
26	99 127 78	1	Washer, flat, 0.536" inner diameter, 1½" outer diameter, 0.05" thick

Item Number	Part Number	Quantity	Description
27	83 100 00	1	Shell top, modification
28	99 042 88	4	Screw, #10-32 x ¾" truss phillips
29	99 123 94	4	Washer, lock, external, #10
30	83 100 12	1	Handle, left
31	17 725 44	8	Clip, cord retaining

NOTES:

Controller Assembly (Model C2C-2 Only)

Figure 5-19. Controller Assembly (Model C2C-2 Only)

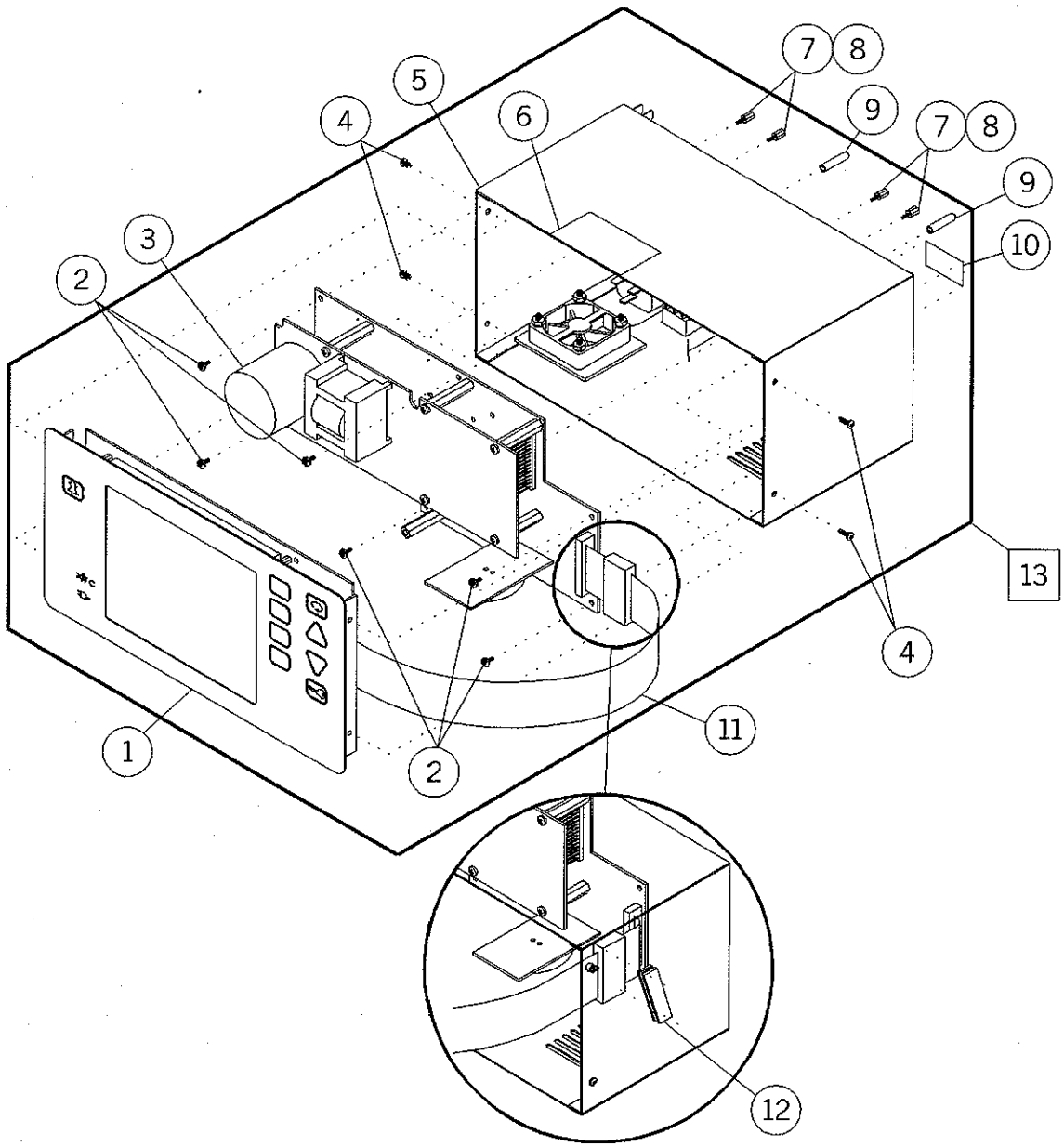

Table 5-19. Controller Assembly (Model C2C-2 Only)

Item Number	Part Number	Quantity	Description
1	83 020 83	1	Front panel assembly, electroluminescent display
2	99 010 68	6	Screw, #4-40 x ¼" pan phillips
3	83 020 82-R	1	Interface/power supply module
4	99 010 56	4	Screw, #4-40 x ¼", truss phillips
5	83 020 81	1	Enclosure assembly, controller
6	83 001 01	1	Tray, mattress
7	99 116 27	4	Jack screw, #4-40
8	Reference only	As required	Loctite®[a] adhesive #222
9	83 020 16	2	Cap, vinyl, 13" inner diameter x ¾" long
10	83 020 99	1	Label, SPO_2 connector cover
11	83 020 97	1	Cable assembly, ribbon, interface, central processing unit
12	84 452 82	1	Pad, locking 2.00" x ½"
13	83 006 76	1	Controller assembly

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Enclosure Assembly (Model C2C-2 Only)

Figure 5-20. Enclosure Assembly (Model C2C-2 Only)

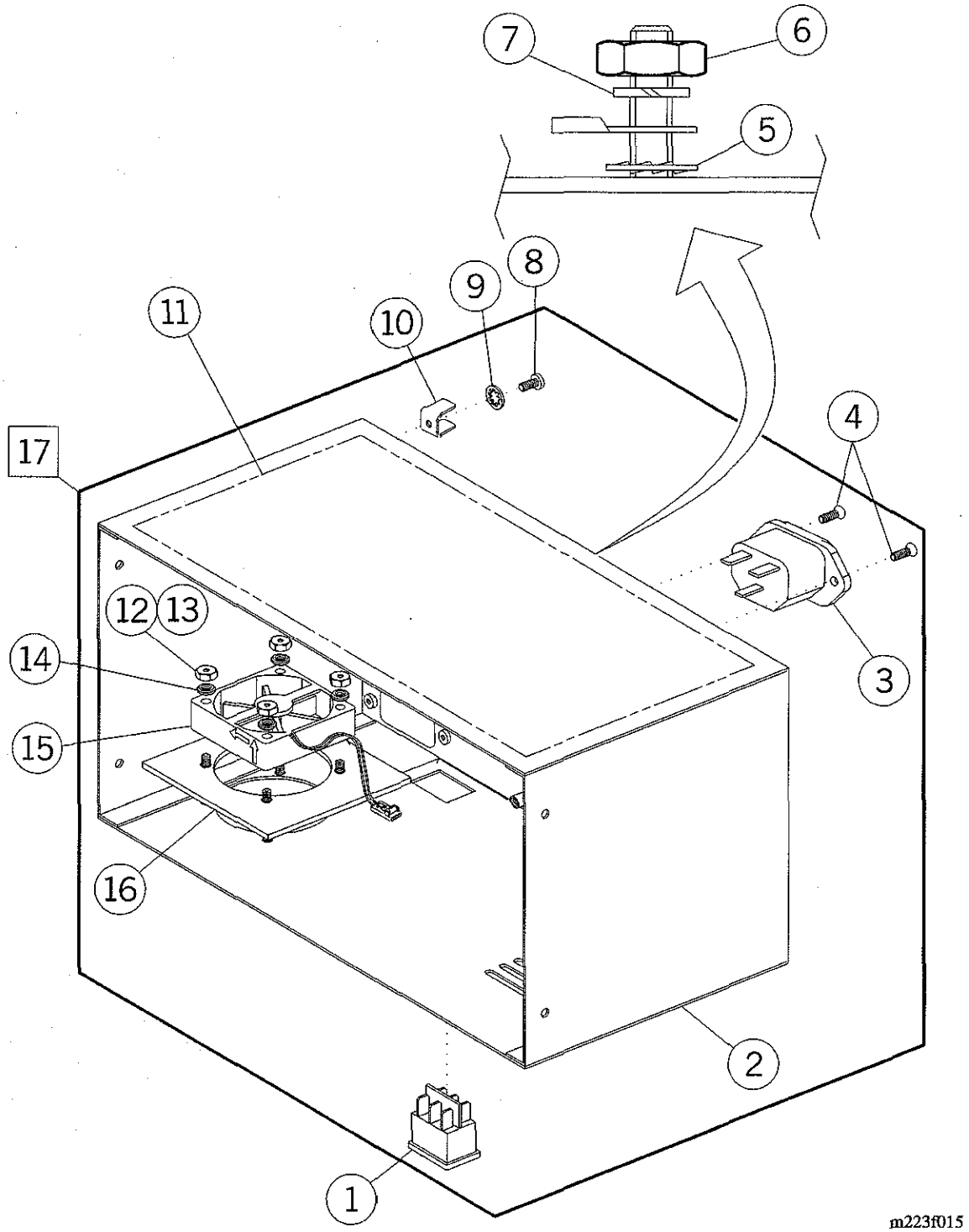

Table 5-20. Enclosure Assembly (Model C2C-2 Only)

Item Number	Part Number	Quantity	Description
1	83 020 93	1	Cable assembly, power switch, controller
2	83 020 80	1	Enclosure, controller
3	83 020 92	1	Cable assembly, IEC connector, controller
4	99 010 70	2	Screw, #4-40 x ¼" flat phillips nylock
5	99 122 19	1	Washer, lock, internal #6
6	99 105 02	1	Nut, hex, #6-32
7	99 122 16	1	Washer, lock, #6
8	99 010 36	1	Screw, #4-40 x 3/16", truss phillips
9	99 121 35	1	Washer, lock, internal #4
10	17 731 50	1	Terminal, male, double, right angle ¼"
11	83 020 07	1	Insulator, controller case
12	99 103 00	4	Nut, hex, #4-40
13	Reference only	As required	Loctite®[a] adhesive #222
14	99 160 18	4	O-ring, 3/32" x 7/32" x 1/16"
15	83 020 91	1	Fan assembly, air supply controller
16	83 020 94	1	Gasket, fan
17	83 020 81	1	Enclosure assembly, controller

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Front Panel Assembly (Model C2C-2 Only)

Figure 5-21. Front Panel Assembly (Model C2C-2 Only)

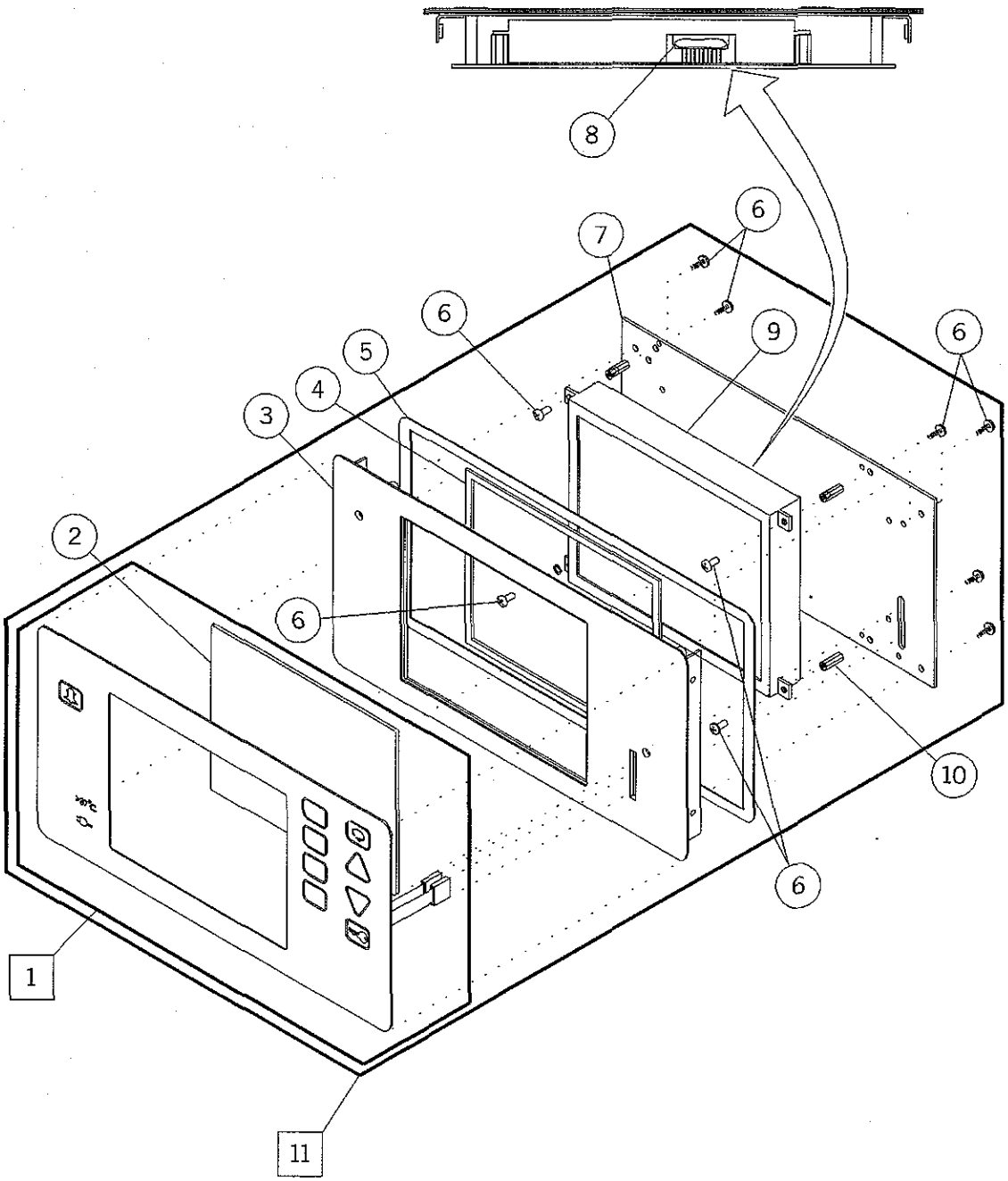

Table 5-21. Front Panel Assembly (Model C2C-2 Only)

Item Number	Part Number	Quantity	Description
1	83 020 86	1	Switch, membrane
2	Reference only	As required	RTV compound
3	83 020 85	1	Faceplate, controller, electroluminescent display
4	83 020 89	1	Gasket, electroluminescent display
5	83 020 90	1	Gasket, controller faceplate
6	99 010 66	12	Screw, #4-40 x ¼" pan phillips sems
7	83 010 70	1	Display assembly, scale
8	Reference only	As required	Hot melt glue
9	83 009 00	1	Display, electroluminescent 320" wide x 240" high
10	99 116 31	4	Standoff, #4-40 inner diameter x ¼" high
11	83 020 83	1	Front panel assembly, electroluminescent display

Interface/Power Supply Assembly (Model C2C-2 Only)

Figure 5-22. Interface/Power Supply Assembly (Model C2C-2 Only)

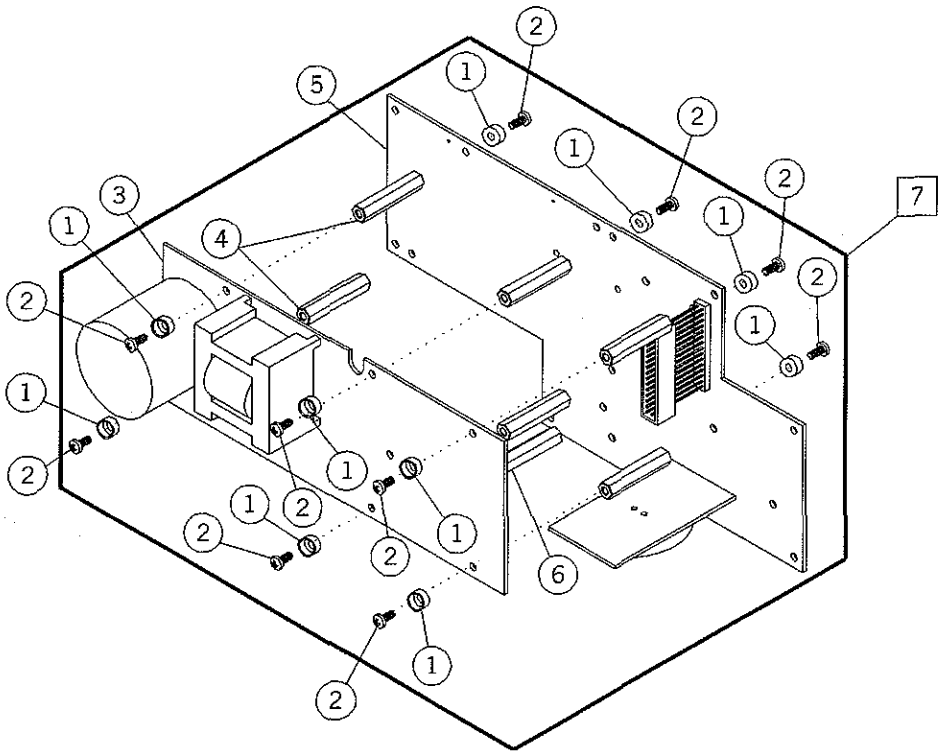

Table 5-22. Interface/Power Supply Assembly (Model C2C-2 Only)

Item Number	Part Number	Quantity	Description
1	99 121 48	14	Washer, cup, 0.12" inner diameter, 0.305" outer diameter, nylon
2	99 011 08	14	Screw, #4-40 x 3/8", round phillips
3	83 019 70	1	P.C. board assembly, power supply
4	99 116 50	4	Standoff, #4-40 inner diameter, ¼" high
5	83 018 70	1	P.C. board assembly, interface
6	99 116 52	3	Standoff, #4-40 inner diameter, ¼" high nylon
7	83 020 82-R	1	Interface/power supply module

NOTES:

Sensor Module Assembly

Figure 5-23. Sensor Module Assembly

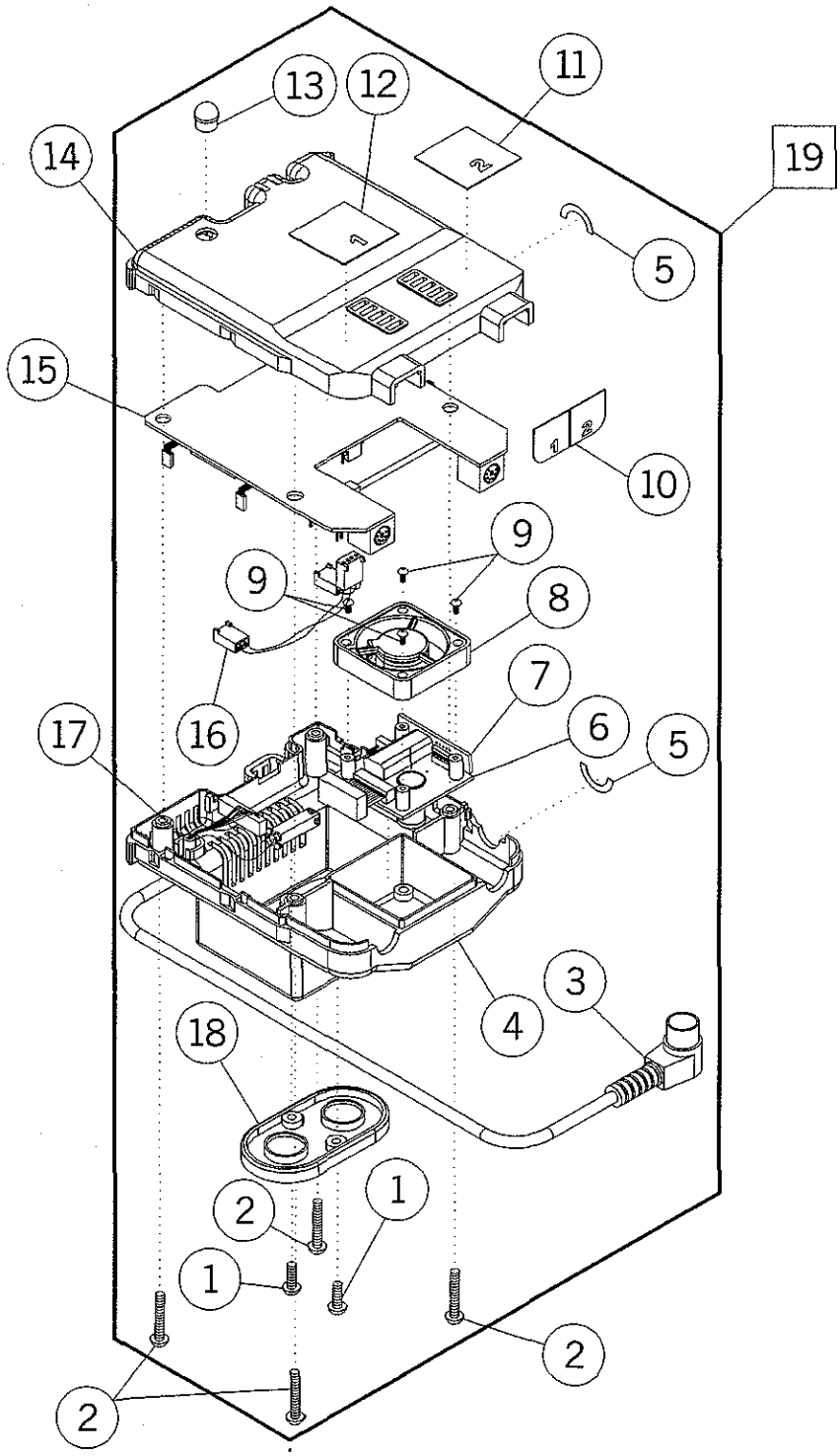

Table 5-23. Sensor Module Assembly

Item Number	Part Number	Quantity	Description
1	99 023 94	2	Screw, #6-32 x ½", flat phillips
2	99 024 98	4	Screw, #6-32 x 15/16", pan phillips nylock
3	83 005 30	1	Cable assembly, sensor module
4	83 005 52	1	Bottom cover, sensor module
5	83 005 57	1	Label, identification, scale
6	83 004 70	1	P.C. board assembly, connector board
7	83 003 70	1	P.C. board assembly, humidity board
8	83 005 46	1	Fan assembly, 40 mm x 40 mm x 10 mm
9	99 012 32	4	Screw, #4-40 x 1", pan phillips nylock
10	83 005 62	1	Label, skin temperature 1 and 2
11	83 005 60	1	Label, skin temperature 2
12	83 005 61	1	Label, skin temperature 1
13	83 005 32	1	Lens, LED, white, sensor module
14	83 005 51	1	Top cover, sensor module
15	83 005 70	1	P.C. board assembly, sensor module
16	83 005 34	1	Cable assembly, oxygen cell
17	17 735 65	1	Strain relief, right angle, ¼" - 0.29" diameter
18	83 005 55	1	Plate, without oxygen, sensor module
19	83 005 50	1	Sensor module assembly

Pedestal Stand Assembly ("00" Series Model Only)

Figure 5-24. Pedestal Stand Assembly ("00" Series Model Only)

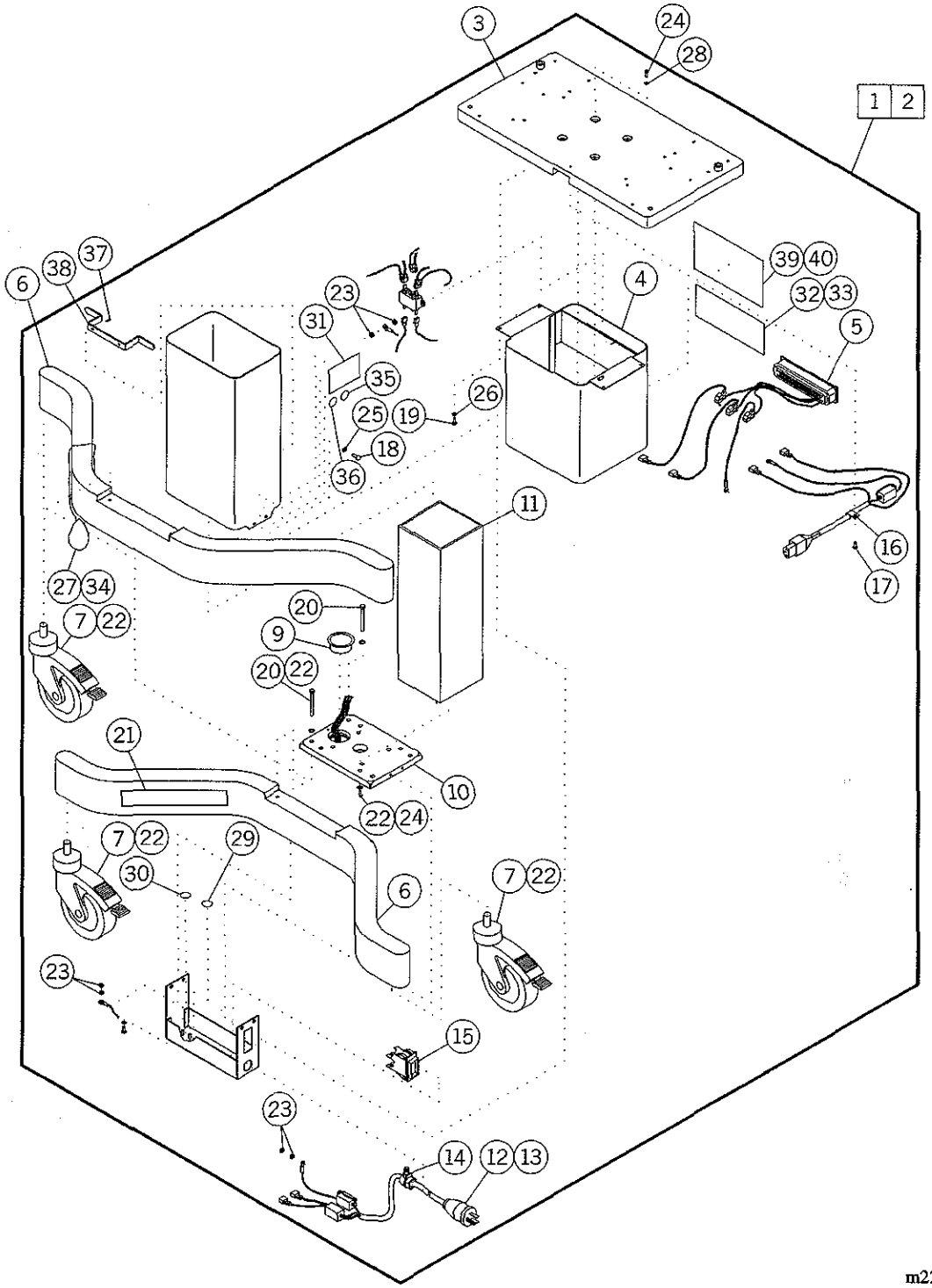

Table 5-24. Pedestal Stand Assembly ("00" Series Model Only)

Item Number	Part Number	Quantity	Description
1	83 420 70	1	Pedestal stand assembly, 120V (120V model only)
2	83 420 80	1	Pedestal stand assembly, 220V (220V model only)
3	83 900 50	1	Replacement kit, upper transition plate
4	83 400 03	1	Column, upper, variable height adjustable
5	83 420 18	1	Cable assembly, AC top, fixed
6	83 400 01	2	Leg, base, machining
7	83 400 02	1	Caster, swivel, 5" diameter, without brake
8	83 400 09	3	Caster, swivel, 5" diameter, with brake
9	78 265 15	1	Bushing, shoulder, plastic, 1½" inner diameter
10	83 400 15	1	Plate, transition, bottom
11	83 420 00	1	Extrusion, column, weldment
12	17 AZ 205	1	Cable assembly, AC power cord, grade, 15A
13	17AZ 207	1	Cable assembly, AC power, VDE, grade, 15A
14	17 733 88	1	Strain relief, straight, adjustable up to 0.4" diameter
15	17 BH 213	1	Circuit breaker, 15A 250/28 V
16	17 062 26	1	Clamp, cable, loop tie, nylon, ¼" inner diameter
17	99 023 51	1	Screw, #6-32 x 3/8" truss phillips nylock
18	99 031 52	4	Screw, #8- 32 x 3/8" truss phillips nylock
19	99 041 29	4	Screw, #10-32 x 3/8" cap hex
20	99 057 33	4	Screw, ¼"-20 x 7/8" truss phillips nylock
21	83 500 15	2	Label, warning, wheel lock locator
22	99 901 77	As required	Loctite®[a] adhesive #242
23	99 105 34	6	Nut, hex, #6-32 keps
24	99 055 77	8	Screw, ¼"-20 x ½" cap
25	99 122 93	4	Washer, lock, external, #8

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Item Number	Part Number	Quantity	Description
26	99 123 94	4	Washer, lock, external, #10
27	99 900 54	1	Bag, cloth, 5" x 7"
28	99 125 54	4	Washer, lock, internal, ¼"
29	68 212 00	2	Label, ground symbol, protective
30	68 212 05	1	Label, ground symbol, functional
31	83 500 10	1	Label, ground reliability
32	83 500 41	1	Label, data tag, non-CE (120V model only)
33	83 500 40	1	Label, data tag, CE mark (220V model only)
34	99 059 11	1	Screw, ¼"-20 x 1¾" cap hex nylock
35	83 500 39	1	Label, shock hazard
36	68 160 05	1	Label, manual reference symbol
37	99 023 03	2	Screw, #6-32 x 5/16" truss phillips nylock
38	83 400 19	1	Cleat, power cord
39	83 500 20	1	Label, auxiliary power outlet, 120V (120V model only)
40	83 500 21	1	Label, auxiliary power outlet, 220V-240V (220V model only)

NOTES:

Pedestal Stand Assembly ("01" Series and Higher Models Only)

Figure 5-25. Pedestal Stand Assembly ("01" Series and Higher Models Only)

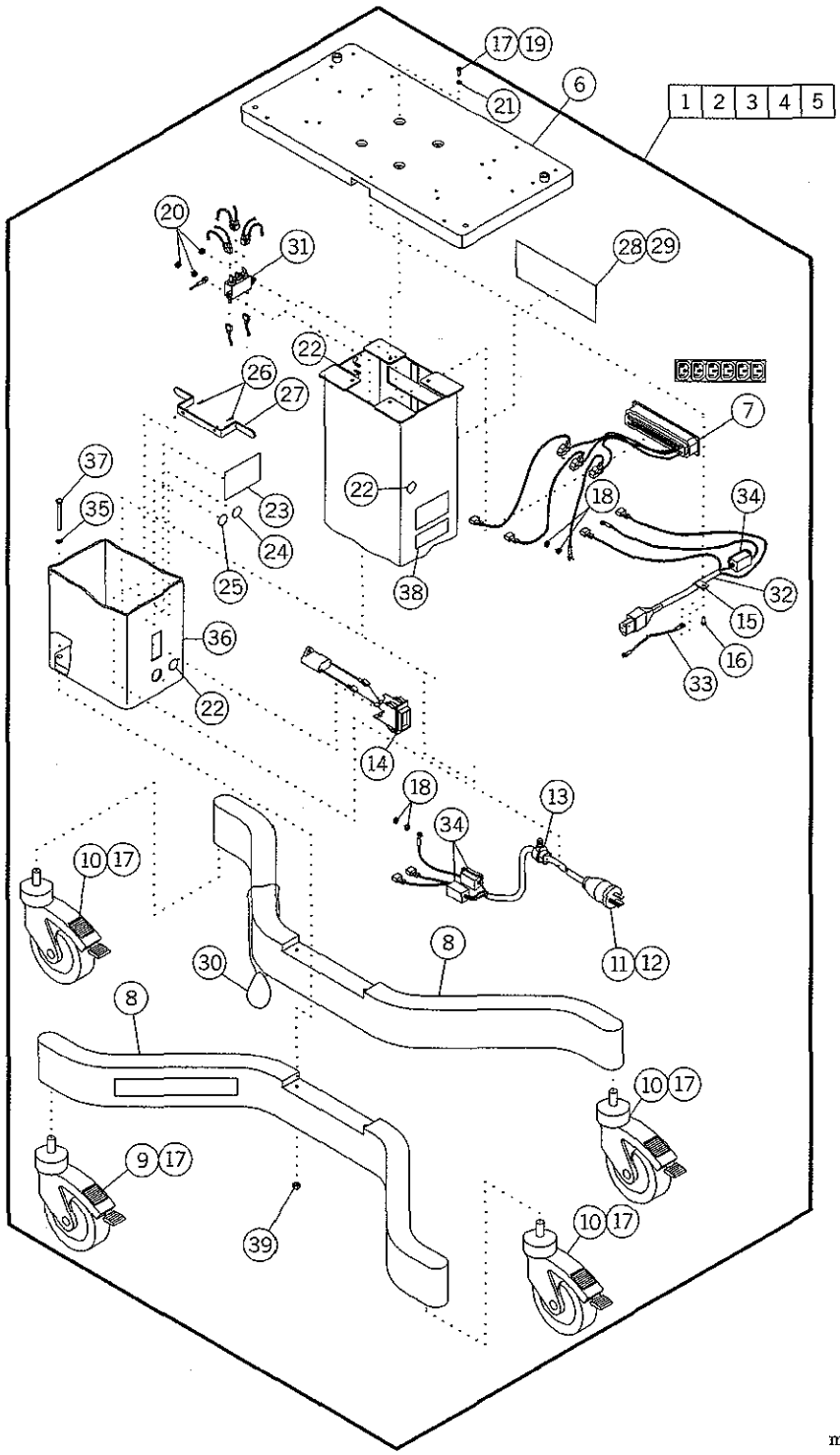

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Table 5-25. Pedestal Stand Assembly ("01" Series and Higher Models Only)

Item Number	Part Number	Quantity	Description
1	83 420 70	1	Pedestal stand assembly, 120V (120V model only) (English model only)
2	83 420 80	1	Pedestal stand assembly, 220V (220V model only) (English, Spanish, French, German, and Italian models only)
3	83 420 82	1	Pedestal stand assembly, 220V (220V model only) (Swedish, Dutch, and Danish models only)
4	83 420 83	1	Pedestal stand assembly, 220V (220V model only) (Finish, Norwegian, Portuguese, and Greek models only)
5	83 420 90	1	Pedestal stand assembly, 100V (100V model only) (Japanese model only)
6	83 401 02	1	Plate, upper transition, machined
7	83 420 19	1	Cable assembly, AC top, fixed
8	83 400 01	2	Leg, base, machining
9	83 400 28	1	Caster, swivel, 4.92" diameter, directional lock
10	83 400 29	3	Caster, swivel, 4.92" diameter, total lock
11	17 AZ 205	1	Cable assembly, AC power cord, grade, 15A
12	17 AZ 207	1	Cable assembly, AC power, VDE, grade, 15A
13	17 733 88	1	Strain relief, straight, adjustable up to 0.4" diameter
14	17 BH 213	1	Circuit breaker, 15A, 250/28V
15	17 734 01	1	Clamp, cable, loop tie, ¼"
16	99 023 51	1	Screw, #6-32 x 3/8" truss phillips nylock
17	99 901 77	As required	Loctite®[a] adhesive #242
18	99 105 34	4	Nut, hex, #6-32 keps
19	99 056 95	4	Screw, ¼"-20 x ¾" cap
20	99 105 71	3	Nut, hex, #6-32 keps

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Item Number	Part Number	Quantity	Description
21	99 125 54	4	Washer, lock, internal, ¼"
22	68 212 00	3	Label, ground symbol, protective
23	83 500 10	1	Label, ground reliability
24	83 500 39	1	Label, shock hazard
25	83 500 34	1	Label, manual reference symbol
26	99 023 03	2	Screw, #6-32 x 5/16" truss phillips nylock
27	83 400 19	1	Cleat, power cord
28	83 500 20	1	Label, auxiliary outlet, 120V (120V model only)
29	83 500 21	1	Label, auxiliary outlet, 220V-240V (220V model only)
30	99 058 80	1	Screw, ¼"-20 x 1½" cap hex nylock
31	17 585 38	1	Filter, line, 115V AC - 250V AC
32	17 AZ 208	1	Cable assembly, controller power, VDE, fixed
33	83 400 51	1	Cable assembly, ground, 6¼" green
34	17 585 60	3	Ferrite suppressor, 0.28" inner diameter
35	99 125 53	4	Washer, lock, ¼"
36	83 420 01	1	Column, weldment, 17" long
37	99 060 75	4	Screw, ¼"-20 x 3½" cap hex (not shown)
38	83 500 44	1	Label, ETL
39	99 109 27	4	Nut, ¼"-20 (not shown)

NOTES:

Variable Height Adjustable Pedestal Stand Assembly

Figure 5-26. Variable Height Adjustable Pedestal Stand Assembly

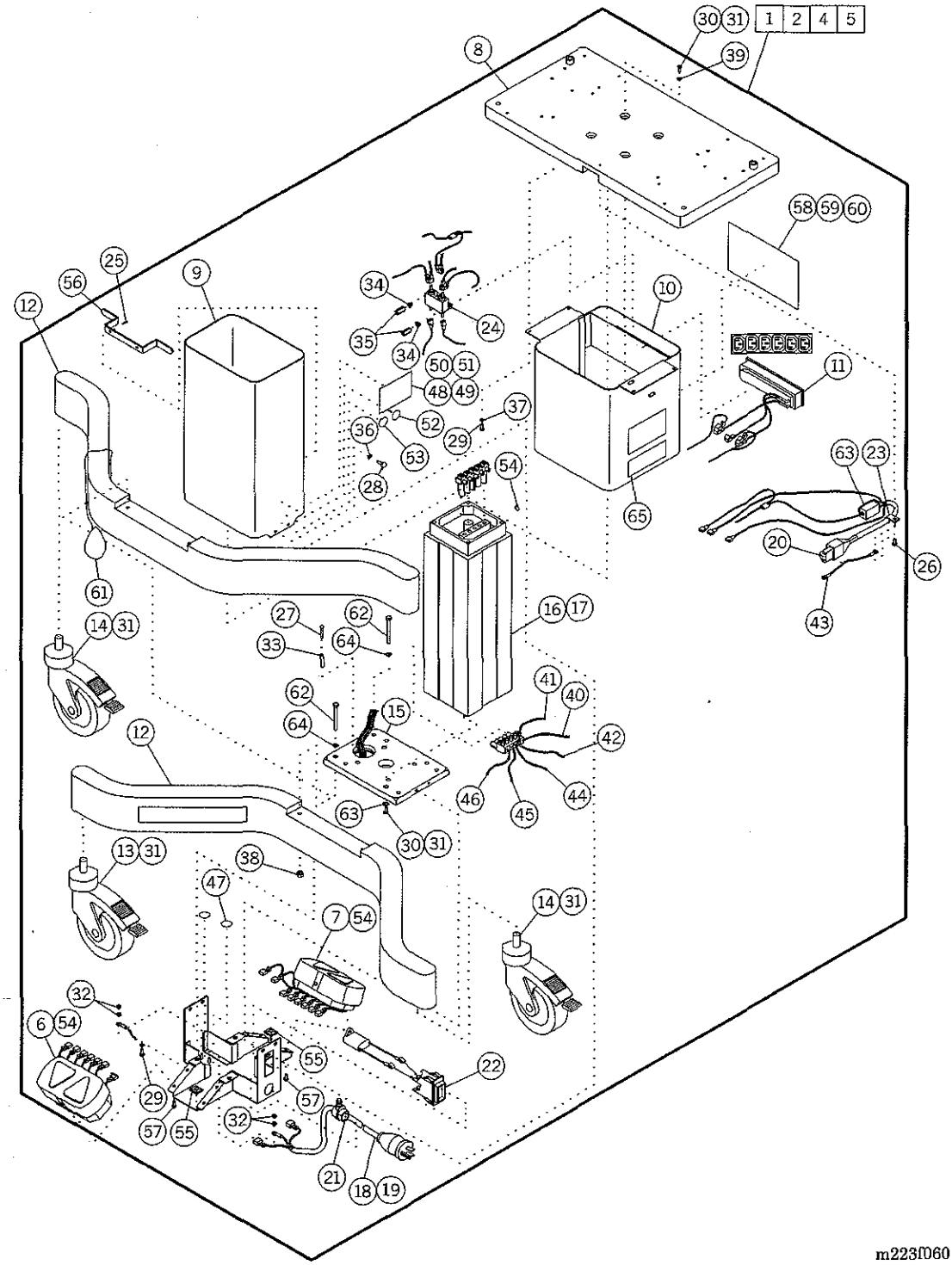

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Table 5-26. Variable Height Adjustable Pedestal Stand Assembly

Item Number	Part Number	Quantity	Description
1	83 420 70	1	Pedestal stand assembly, 120V (120V model only) (English model only)
2	83 420 80	1	Pedestal stand assembly, 220V (220V model only) (English, Spanish, French, German, and Italian models only)
3	99 060 74	4	Screw, ¼"-20 x 3½" cap hex
4	83 420 82	1	Pedestal stand assembly, 220V (220V model only) (Finish, Norwegian, Portuguese, and Greek models only)
5	83 420 90	1	Pedestal stand assembly, 100V (100V model only) (Japanese model only)
6	83 401 50-R	1	Foot switch assembly front
7	83 401 55-R	1	Foot switch assembly rear
8	83 401 02	1	Plate, upper transition, machined
9	83 400 04	1	Column, lower, variable height adjustable
10	83 400 03	1	Column, upper, variable height adjustable
11	83 400 18	1	Cable assembly, AC top, variable height adjustable
12	83 400 01	2	Leg, base, machining
13	83 400 28	1	Caster, swivel, 4.92" diameter, directional lock
14	83 400 29	3	Caster, swivel, 4.92" diameter, total lock
15	83 400 15	1	Plate, transition, bottom
16	83 400 20	1	Actuator, 120V (120V model only)
17	83 400 21	1	Actuator, 220V (220V model only)
18	17 AZ 205	1	Cable assembly, AC power cord, grade, 15A
19	17 AZ 207	1	Cable assembly, AC power, VDE, grade, 15A
20	17 AZ 206	1	Cable assembly, controller power, VDE, variable height adjustable
21	17 733 88	1	Strain relief, straight, adjustable up to 0.4" diameter
22	17 BH 213	1	Circuit breaker, 15A 250/28V

Item Number	Part Number	Quantity	Description
23	17 734 01	1	Clamp, cable, loop tie, ¼"
24	17 585 38	1	Filter, line, 115V AC - 250V AC
25	99 023 03	2	Screw, #6-32 x 5/16" truss phillips nylock
26	99 023 51	1	Screw, #6-32 x 3/8" truss phillips nylock
27	99 025 44	1	Screw, #6-32 x 1.12" truss phillips nylock
28	99 031 52	4	Screw, #8-32 x 3/8" truss phillips nylock
29	99 041 29	8	Screw, #10-32 x 3/8" cap hex
30	99 998 76	8	Screw, M6 x 1" x ¼" long, cap
31	99 901 77	As required	Loctite®[a] adhesive #242
32	99 105 34	4	Nut, hex, #6-32 keps
33	99 122 52	1	Spacer, 0.14" inner diameter, 0.38" outer diameter, 0.88" long nylon
34	99 105 71	2	Nut, hex, #6-32 keps
35	99 116 90	2	Standoff, #6-32 inner diameter, ¼" hex, 0.56" long nylon
36	99 122 93	4	Washer, lock, external, #8
37	99 123 95	4	Washer, lock, #10
38	99 125 71		Washer, lock, external, ¼"
39	99 125 54	4	Washer, lock, internal, ¼"
40	83 400 36	1	Cable assembly, breaker, 17" white/ brown
41	83 400 37	1	Cable assembly, breaker, 17", white/blue
42	83 400 45	1	Cable assembly, breaker, 17", white/blue
43	83 400 51	1	Cable assembly, ground, 6¼" green
44	83 400 50	1	Cable assembly, ground, 14" green/ yellow
45	83 400 62	1	Cable assembly, motor to foot switch, 17", orange
46	83 400 61	1	Cable assembly, motor to foot switch, 17" red
47	68 212 00	1	Label, ground symbol, protective

a. Loctite® is a registered trademark of Loctite Corporation.

Item Number	Part Number	Quantity	Description
48	83 500 10	1	Label, ground reliability, English/ Spanish/French/German/Italian
49	83 500 11	1	Label, ground reliability, Japanese
50	83 500 12	1	Label, ground reliability, Swedish/Dutch/ Danish/Flemish
51	83 500 13	1	Label, ground reliability, Finnish/ Norwegian/Portuguese/Greek
52	83 500 39	1	Label, shock hazard
53	68 160 05	1	Label, manual reference symbol
54	12 995 00	As required	Wire tie (4½" long)
55	17 063 14	2	Mount, cable tie, adhesive back, ½" square
56	83 400 19	1	Cleat, power cord
57	99 023 64	4	Screw, #6-32 x 7/16" truss phillips nylock
58	83 500 20	1	Label, auxiliary outlet, 120V (120V model only)
59	83 500 21	1	Label, auxiliary outlet, 220V - 240V (220V model only)
60	83 500 24	1	Label, auxiliary outlet, 100V (100V model only)
61	99 058 80	1	Screw, ¼"-20 x 1½" cap hex nylock
62	83 920 11	1	Shipping pack complete, variable height adjustable stand
63	17 585 60	1	Ferrite suppressor, 0.28" inner diameter
64	99 125 53	6	Washer, lock, ¼"
65	83 500 44	1	Label, ETL
66	99 109 27	4	Nut, ¼"-20

Hood/Shell and Pedestal Stand Assembly Attachment

Figure 5-27. Hood/Shell and Pedestal Stand Assembly Attachment

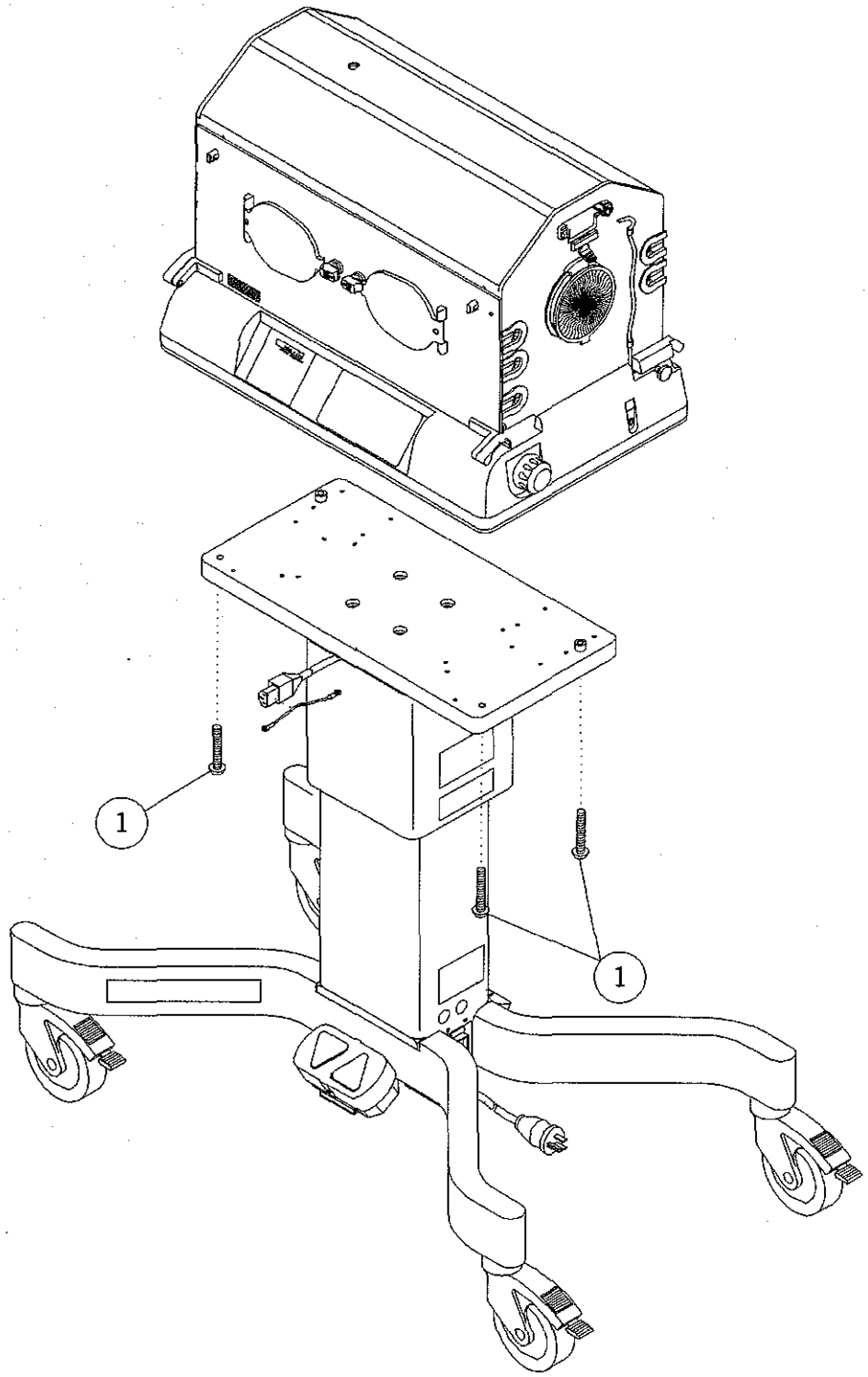

Table 5-27. Hood/Shell and Pedestal Stand Assembly Attachment

Item Number	Part Number	Quantity	Description
1	99 059 11	4	Screw, ¼"-20 x 1¾" cap hex nylock